

Converting Colors

XYZ(76.8392, 81.5846, 89.1733)

Have a look what the booklet for
XYZ(76.8392, 81.5846, 89.1733)
contains.

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Color

**XYZ(76.9072, 81.6091,
89.5406)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EAEA
RGB	230, 234, 234
RGB Percent	90%, 92%, 92%
CMY	0.0980, 0.0823, 0.0823
CMYK	0.02, 0.00, 0.00, 0.08
HSL	180°, 9%, 91%
HSV	180°, 2%, 92%
XYZ	76.9072, 81.6091, 89.5406
YIQ	232.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

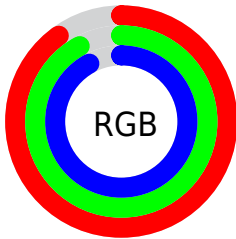
Format	Color
R _Y B	230, 232, 234
Decimal	15133418
CIE Lab	92.40, -1.33, -0.48
CIE LCh	92, 1.412, 199.751
Yxy	81.6091, 0.3100, 0.3290
Android (android.graphics.Color)	4293323498 (0xFFE6EAEA)
YUV	232.8040, 0.5896, -2.4591
Hunter-Lab	90.3378, -6.1287, 4.4696

Details

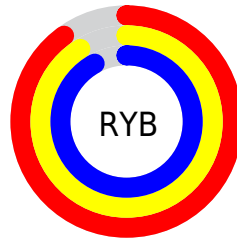
The XYZ color **76.9072, 81.6091, 89.5406** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5144, 79.8013, 86.2373**, and the grayscale version is **77.3037, 81.3295, 88.5678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6355, 44.1691, 48.4505** is the 20% darker color. If you saturate the color by 10%, you get **69.8935, 77.9961, 89.1975**, and if you desaturate by 10%, it is **84.9336, 85.7488, 89.9345**.

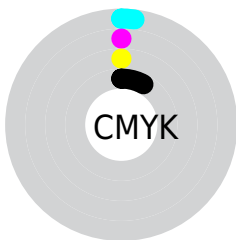
Distribution



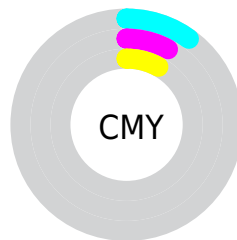
- Red (90%)
- Green (92%)
- Blue (92%)



- Red (90%)
- Yellow (91%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9072, 81.6091, 89.5406 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.9072, 81.6091, 89.5406 by changing the saturation by 10% instead.

■ 76.9072, 81.6091,
89.5406

■ 76.9072, 81.6091,
89.5406

473.3444,
500.3392, 547.0668

■ 57.4764, 61.0434,
67.0281

127.9820,
135.6257, 148.6300

■ 41.6295, 44.2602,
48.6457

160.3567,
169.8453, 186.0441

■ 29.0011, 30.8751,
33.9749

197.7767,
209.3851, 229.2624

■ 19.2259, 20.5038,
22.5971

240.6075,
254.6294, 278.7035

■ 11.9386, 12.7618,
14.0938

289.2142,
305.9625, 334.7859

■ 6.7738, 7.2647,
8.0465

343.9624,

■ 3.3661, 3.6282,

363.7689, 397.9283

4.0365

405.2173,
428.4330, 468.5491

■ 1.3502, 1.4678,
1.6454

■ 0.2203, 0.2659,
0.3229

■ 76.9072, 81.6091,
89.5406

■ 76.9072, 81.6091,
89.5406

■ 69.8935, 77.9961,
89.1975

■ 84.9336, 85.7488,
89.9345

■ 63.8457, 74.8787,
88.8979


■ 85.5222, 86.0519,
89.9786


■ 58.7236, 72.2385,
88.6416


■ 85.5254, 86.0531,
89.9953


■ 54.4815, 70.0520,
88.4265


■ 85.5286, 86.0544,
90.0121


 51.0699, 68.2936,
88.2503


 85.5318, 86.0557,
90.0288


 48.4343, 66.9353,
88.1104


 85.5349, 86.0570,
90.0455


 46.5138, 65.9456,
88.0039

 85.5381, 86.0582,
90.0622

 45.2383, 65.2884,
87.9277

 85.5413, 86.0595,
90.0790

 44.5237, 64.9204,
87.8777

 85.5445, 86.0608,
90.0957

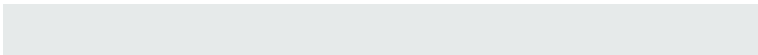
Harmonies

Analogous

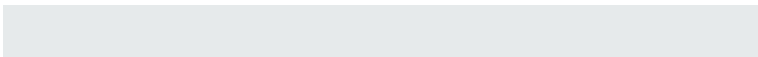
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8772, 81.6091, 88.5007



76.9072, 81.6091, 89.5406



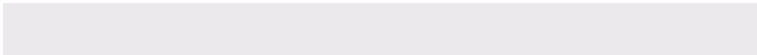
77.1136, 81.6091, 90.4041

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9072, 81.6091, 89.5406



78.1048, 81.6091, 90.1657



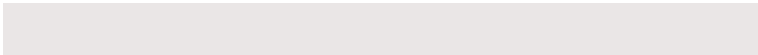
77.6922, 81.6091, 86.8918

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



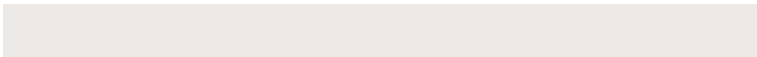
76.9072, 81.6091, 89.5406



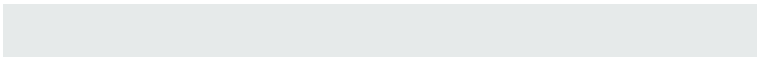
76.5144, 79.8013, 86.2373

Split Complementary

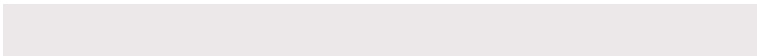
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0221, 81.6091, 87.3305



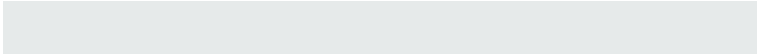
76.9072, 81.6091, 89.5406



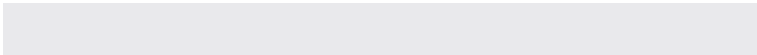
78.2609, 81.6091, 89.2172

Square

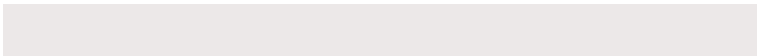
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



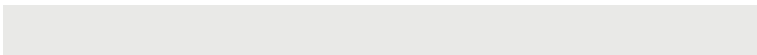
76.9072, 81.6091, 89.5406



77.8048, 81.6091, 90.7669



78.2306, 81.6091, 88.1797



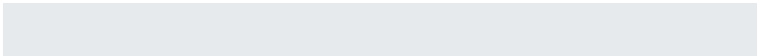
77.3297, 81.6091, 86.9769

Rectangle

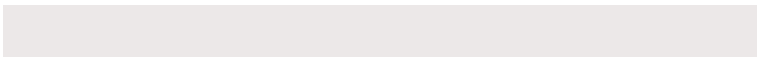
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



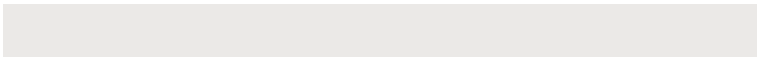
76.9072, 81.6091, 89.5406



77.3239, 81.6091, 90.7609



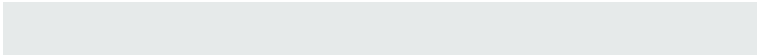
78.2306, 81.6091, 88.1797



77.8106, 81.6091, 86.9828

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.9095, 81.6126, 89.5424



94.1177, 99.5194, 108.8543



76.3626, 81.3963, 86.5504



20.1549, 21.3063, 23.2998



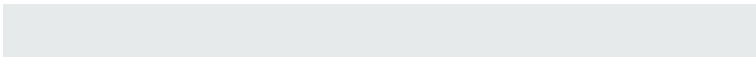
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

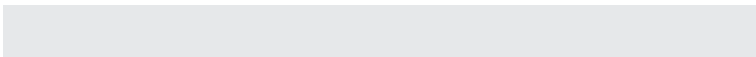
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9095, 81.6126, 89.5424



93.1977, 99.0452, 108.8093



76.3621, 80.5169, 89.3626



16.6889, 17.7257, 19.4634



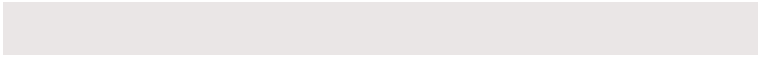
24.8621, 36.3993, 49.3664



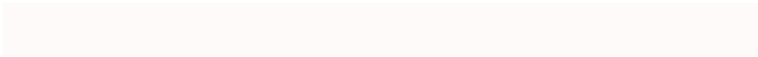
1.9525, 2.8583, 3.8775

Inverse Universe

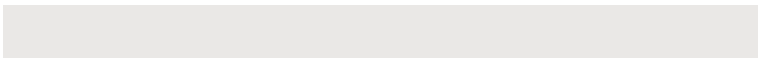
The Inverse Universe completely reimagines the original color for something new.



76.5144, 79.8013, 86.2373



92.6349, 96.4652, 104.1015



77.0554, 80.8842, 86.4150



16.5940, 17.2905, 18.6693



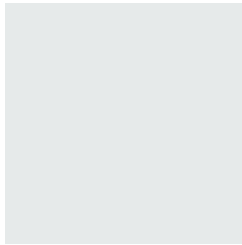
19.0687, 9.8302, 0.8973



1.4976, 0.7720, 0.0715

Previews

White Background



This preview shows how the XYZ color 76.9072, 81.6091, 89.5406 looks on a white background.

Color Contrast Check

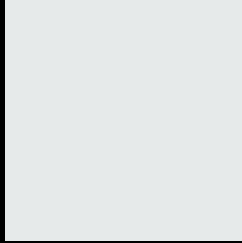
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 76.9072, 81.6091, 89.5406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

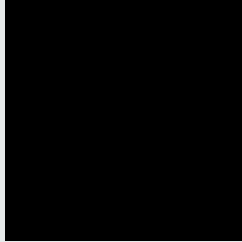
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

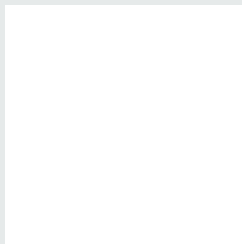
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9072, 81.6091, 89.5406

Background



This preview shows how black text looks on a background with the XYZ color 76.9072, 81.6091, 89.5406.



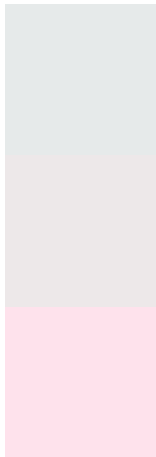
This preview shows how white text looks on a background with the XYZ color 76.9072, 81.6091,

89.5406.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.9072, 81.6091, 89.5406

Protanopia

78.4896, 81.6009, 88.7045

Deuteranopia

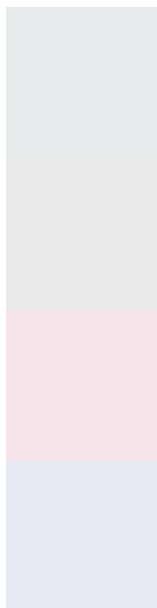
83.2097, 81.5197, 90.7061



Tritanopia

79.3906, 81.7712, 102.0416

Trichromacy



Original Color

76.9072, 81.6091, 89.5406

Protanomaly

77.7786, 81.6534, 88.7521

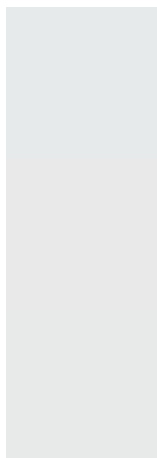
Deuteranomaly

80.6709, 81.4493, 90.0667

Tritanomaly

78.4230, 81.7984, 97.2433

Monochromacy



Original Color

76.9072, 81.6091, 89.5406

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.1256, 81.3168, 88.7216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9072, 81.6091, 89.5406 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(230, 234, 234) looks like.

```
.text, #text, p{  
    color:rgb(230, 234, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 234, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.9072, 81.6091, 89.5406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 234, 234) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(230, 234, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(230, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 234,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9072, 81.6091, 89.5406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 234, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
234, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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