

Converting Colors

XYZ(76.2385, 81.5969, 91.3177)

Have a look what the booklet for
XYZ(76.2385, 81.5969, 91.3177)
contains.

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Color

**XYZ(76.2127, 81.6415,
91.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EBEC
RGB	226, 235, 236
RGB Percent	89%, 92%, 93%
CMY	0.1137, 0.0784, 0.0745
CMYK	0.04, 0.00, 0.00, 0.07
HSL	186°, 21%, 91%
HSV	186°, 4%, 93%
XYZ	76.2127, 81.6415, 91.0984
YIQ	232.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

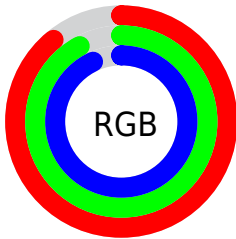
Format	Color
R _Y B	226, 231, 236
Decimal	14871532
CIE Lab	92.42, -2.80, -1.53
CIE LCh	92, 3.190, 208.721
Yxy	81.6415, 0.3061, 0.3279
Android (android.graphics.Color)	4293061612 (0xFFE2EBEC)
YUV	232.4230, 1.7635, -5.6330
Hunter-Lab	90.3557, -7.5623, 3.4716

Details

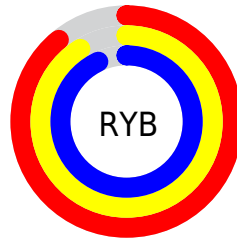
The XYZ color **76.2127, 81.6415, 91.0984** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7889, 78.2614, 83.0643**, and the grayscale version is **77.0108, 81.0214, 88.2323**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1529, 44.1934, 49.5412** is the 20% darker color. If you saturate the color by 10%, you get **68.6476, 76.7510, 90.5544**, and if you desaturate by 10%, it is **84.8100, 87.0819, 91.6966**.

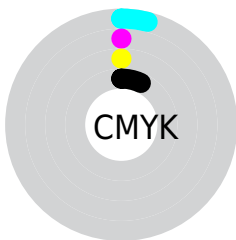
Distribution



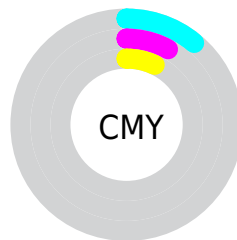
- Red (89%)
- Green (92%)
- Blue (93%)



- Red (89%)
- Yellow (91%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2127, 81.6415, 91.0984 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 76.2127, 81.6415, 91.0984 by changing the saturation by 10% instead.

■ 76.2127, 81.6415,
91.0984

■ 76.2127, 81.6415,
91.0984

471.0087,
500.4477, 552.2595

■ 56.9046, 61.0701,
68.3132

127.0063,
135.6711, 150.8120

■ 41.1685, 44.2817,
49.6843

159.2225,
169.8982, 188.5775

■ 28.6390, 30.8920,
34.7932

196.4721,
209.4458, 232.1734

■ 18.9508, 20.5167,
23.2213

239.1205,
254.6985, 282.0184

■ 11.7385, 12.7712,
14.5502

287.5329,
306.0407, 338.5310

■ 6.6368, 7.2712,
8.3612

342.0749,

■ 3.2803, 3.6323,

363.8567, 402.1296

4.2359

403.1117,
428.5309, 473.2330

■ 1.3037, 1.4701,
1.7556

■ 0.1860, 0.2675,
0.3984

■ 76.2127, 81.6415,
91.0984

■ 76.2127, 81.6415,
91.0984

■ 68.6476, 76.7510,
90.5544

■ 84.8100, 87.0819,
91.6966

■ 62.0662, 72.3785,
90.0573


■ 87.4548, 89.4646,
92.0171


■ 56.4268, 68.5047,
89.6068


■ 88.1504, 90.8559,
92.2490


■ 51.6817, 65.1050,
89.2007


■ 88.8550, 92.2651,
92.4839


 47.7791, 62.1526,
88.8365


 89.5686, 93.6924,
92.7218


 44.6620, 59.6181,
88.5116


 90.2913, 95.1378,
92.9627


 42.2659, 57.4683,
88.2229

 91.0232, 96.6014,
93.2066

 40.5164, 55.6646,
87.9670

 91.7641, 98.0833,
93.4536

 39.3223, 54.1601,
87.7395

 92.1406, 98.8362,
93.5791

Harmonies

Analogous

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



76.0201, 81.6415, 88.7922



76.2127, 81.6415, 91.0984



76.7757, 81.6415, 92.8398

Triad

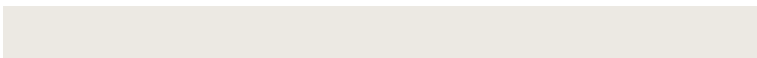
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2127, 81.6415, 91.0984



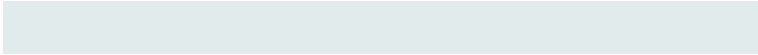
78.9637, 81.6415, 91.2774



77.6333, 81.6415, 84.4215

Complementary

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



76.2127, 81.6415, 91.0984



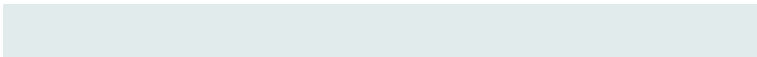
75.7889, 78.2614, 83.0643

Split Complementary

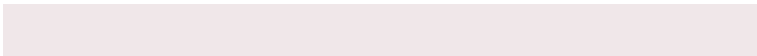
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4257, 81.6415, 85.0611



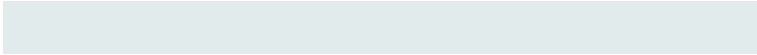
76.2127, 81.6415, 91.0984



79.1972, 81.6415, 88.9953

Square

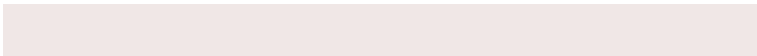
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2127, 81.6415, 91.0984



78.3638, 81.6415, 92.9444



78.9996, 81.6415, 86.7249



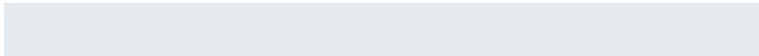
76.8368, 81.6415, 84.9625

Rectangle

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



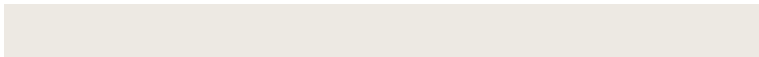
76.2127, 81.6415, 91.0984



77.2874, 81.6415, 93.4314



78.9996, 81.6415, 86.7249



77.9090, 81.6415, 84.5054

Sweetspot

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



76.2150, 81.6450, 91.1002



94.0371, 99.3576, 108.8294



75.2029, 81.6978, 84.3595



20.1385, 21.2734, 23.2947



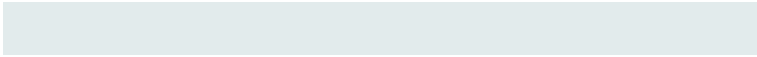
0.0000, 0.0000, 0.0000



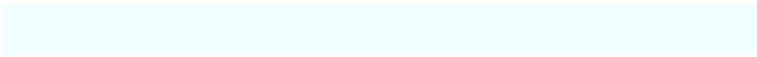
20.3446, 21.4041, 23.3091

Same Dimension

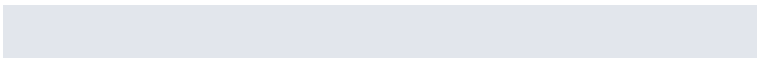
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2150, 81.6450, 91.1002



90.1099, 96.8537, 108.5531



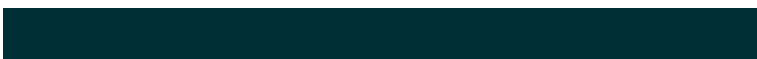
74.8489, 78.9127, 90.6448



16.0063, 17.2525, 19.4087



21.4448, 29.5366, 48.3138



1.7211, 2.3936, 3.8062

Inverse Universe

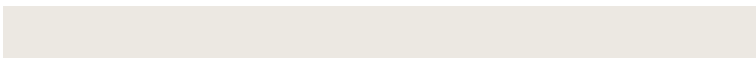
The Inverse Universe completely reimagines the original color for something new.



76.7856, 78.2254, 89.6532



90.9127, 92.0516, 106.5152



77.1305, 80.9446, 83.5115



16.1681, 16.2861, 18.9976



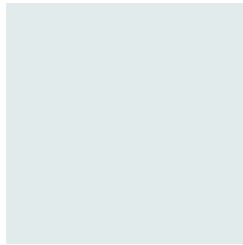
25.6797, 12.4746, 35.7100



2.0352, 0.9871, 2.9028

Previews

White Background



This preview shows how the XYZ color 76.2127, 81.6415, 91.0984 looks on a white background.

Color Contrast Check

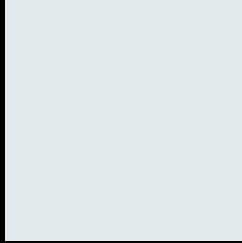
Large Text (above 18pt) WCAG AA × Fail

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 76.2127, 81.6415, 91.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

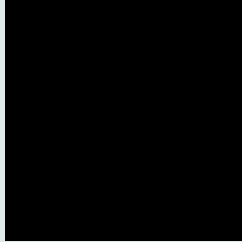
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

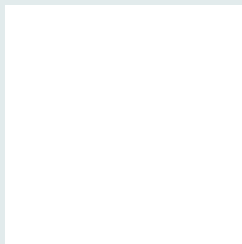
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2127, 81.6415, 91.0984

Background



This preview shows how black text looks on a background with the XYZ color 76.2127, 81.6415, 91.0984.



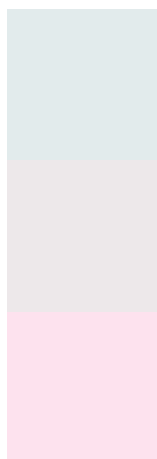
This preview shows how white text looks on a background with the XYZ color 76.2127, 81.6415,

91.0984.

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

76.2127, 81.6415, 91.0984

Protanopia

78.6329, 81.6583, 89.4591

Deuteranopia

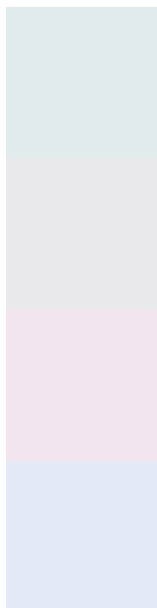
83.1370, 81.4484, 92.2282



Tritanopia

78.5464, 81.7368, 102.9037

Trichromacy



Original Color

76.2127, 81.6415, 91.0984

Protanomaly

77.7386, 81.5996, 90.2503

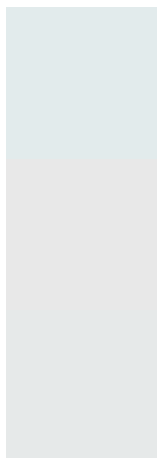
Deuteranomaly

80.2675, 81.2077, 91.5649

Tritanomaly

77.7359, 81.8304, 98.8865

Monochromacy



Original Color

76.2127, 81.6415, 91.0984

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.4800, 80.9840, 88.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2127, 81.6415, 91.0984 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(226, 235, 236) looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 236)  
}
```

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(226, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.2127, 81.6415, 91.0984 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(226, 235, 236) }
```


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

```
.border{ border-color:rgb(226, 235, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 235, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 235, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 235, 236);  
box-shadow:4px 4px 4px 4px rgb(226, 235,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2127, 81.6415, 91.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 236) }
```

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

```
.background{ background-color: rgb(226,  
235, 236) }
```

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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