

Converting Colors

XYZ(76.3024, 79.8517, 86.2552)

Have a look what the booklet for
XYZ(76.3024, 79.8517, 86.2552)
contains.

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Color

**XYZ(76.1840, 79.6304,
86.2178)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E6E6
RGB	233, 230, 230
RGB Percent	91%, 90%, 90%
CMY	0.0863, 0.0980, 0.0980
CMYK	0.00, 0.01, 0.01, 0.09
HSL	0°, 6%, 91%
HSV	0°, 1%, 91%
XYZ	76.1840, 79.6304, 86.2178
YIQ	230.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

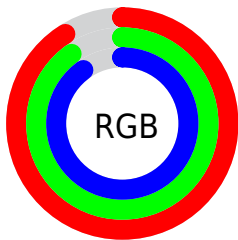
Format	Color
R _Y B	233, 230, 230
Decimal	15328998
CIE Lab	91.52, 1.01, 0.35
CIE LCh	92, 1.071, 18.905
Yxy	79.6304, 0.3148, 0.3290
Android (android.graphics.Color)	4293519078 (0xFFE9E6E6)
YUV	230.8970, -0.4422, 1.8443
Hunter-Lab	89.2359, -3.7706, 5.1804

Details

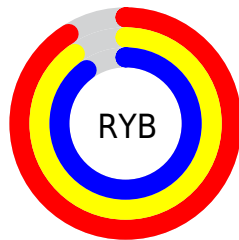
The XYZ color **76.1840, 79.6304, 86.2178** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4801, 80.9830, 88.6923**, and the grayscale version is **75.8832, 79.8350, 86.9404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1993, 43.1022, 46.7056** is the 20% darker color. If you saturate the color by 10%, you get **67.0795, 66.3118, 68.1043**, and if you desaturate by 10%, it is **86.5949, 94.8597, 106.9265**.

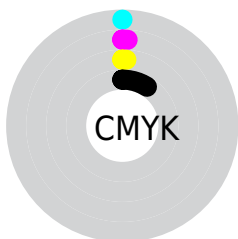
Distribution



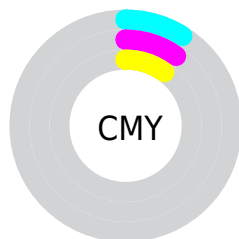
- Red (91%)
- Green (90%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1840, 79.6304, 86.2178 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 76.1840, 79.6304, 86.2178 by changing the saturation by 10% instead.

■ 76.1840, 79.6304,
86.2178

■ 76.1840, 79.6304,
86.2178

470.9120,
493.6864, 535.8984

■ 56.8810, 59.4143,
64.2922

126.9659,
132.8460, 143.9626

■ 41.1495, 42.9467,
46.4397

159.1756,
166.6142, 180.6189

■ 28.6241, 29.8433,
32.2417

196.4181,
205.6685, 223.0224

■ 18.9395, 19.7197,
21.2799

239.0589,
250.3935, 271.5918

■ 11.7303, 12.1914,
13.1355

287.4634,
301.1733, 326.7456

■ 6.6312, 6.8742,
7.3901

341.9968,

■ 3.2768, 3.3835,

358.3925, 388.9022

3.6251

403.0246,
422.4354, 458.4803

■ 1.3018, 1.3351,
1.4220

■ 0.1846, 0.1681,
0.1588

■ 76.1840, 79.6304,
86.2178

■ 76.1840, 79.6304,
86.2178

■ 67.0795, 66.3118,
68.1043

■ 86.5949, 94.8597,
106.9265

■ 59.2234, 54.8187,
52.4787

■ 87.4148, 96.0639,
108.5427

■ 52.5634, 45.0748,
39.2340

■ 47.0408, 36.9943,
28.2534

■ 42.5921, 30.4843,
19.4103

■ 39.1475, 25.4429,
12.5654

■ 36.6288, 21.7559,
7.5633

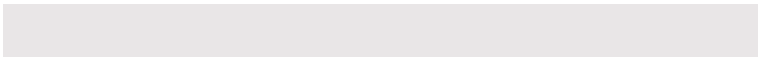
■ 34.9468, 19.2925,
4.2256

■ 33.9941, 17.8963,
2.3386

Harmonies

Analogous

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



76.2026, 79.6304, 86.9936



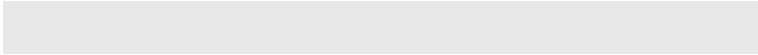
76.1840, 79.6304, 86.2178



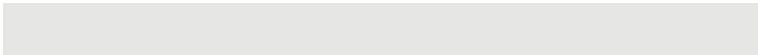
76.0319, 79.6304, 85.5759

Triad

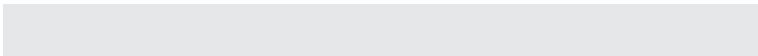
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1840, 79.6304, 86.2178



75.2914, 79.6304, 85.7196



75.5853, 79.6304, 88.1876

Complementary

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



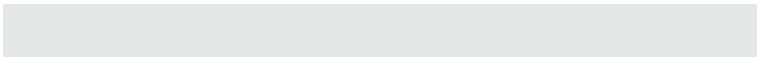
76.1840, 79.6304, 86.2178



76.4801, 80.9830, 88.6923

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.



75.3418, 79.6304, 87.8419



76.1840, 79.6304, 86.2178



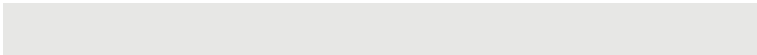
75.1724, 79.6304, 86.4150

Square

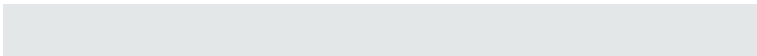
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



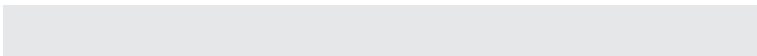
76.1840, 79.6304, 86.2178



75.5164, 79.6304, 85.2895



75.1908, 79.6304, 87.1920



75.8565, 79.6304, 88.1340

Rectangle

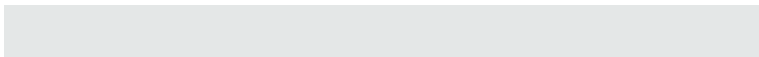
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1840, 79.6304, 86.2178



75.8754, 79.6304, 85.3089



75.1908, 79.6304, 87.1920



75.4975, 79.6304, 88.1141

Sweetspot

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



76.1863, 79.6338, 86.2195

95.0500, 100.0000, 108.9000



76.6102, 79.8017, 88.4574



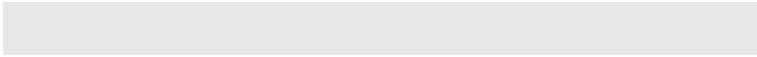
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

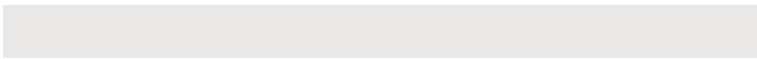
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1863, 79.6338, 86.2195



92.6362, 96.4690, 104.0982



76.6044, 80.4701, 86.3589



16.5942, 17.2911, 18.6687



19.0703, 9.8349, 0.8932



1.4980, 0.7734, 0.0703

Inverse Universe

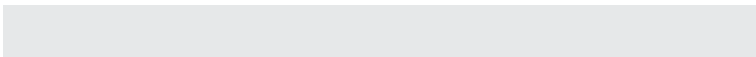
The Inverse Universe completely reimagines the original color for something new.



76.4801, 80.9830, 88.6923



93.1964, 99.0413, 108.8127



76.0583, 80.1395, 88.5517



16.6887, 17.7250, 19.4639



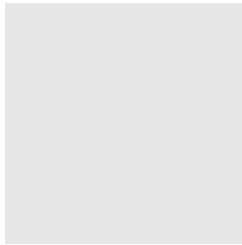
24.8323, 36.3117, 49.4430



1.9505, 2.8524, 3.8826

Previews

White Background



This preview shows how the XYZ color 76.1840, 79.6304, 86.2178 looks on a white background.

Color Contrast Check

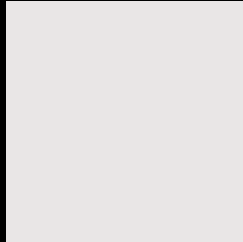
Large Text (above 18pt) WCAG AA × Fail

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 76.1840, 79.6304, 86.2178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

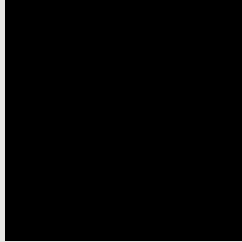
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

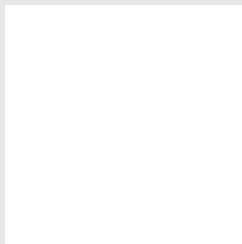
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1840, 79.6304, 86.2178

Background



This preview shows how black text looks on a background with the XYZ color 76.1840, 79.6304, 86.2178.



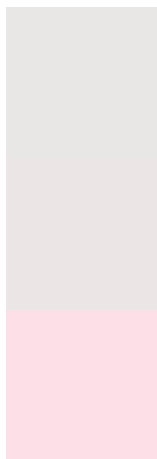
This preview shows how white text looks on a background with the XYZ color 76.1840, 79.6304,

86.2178.

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

76.1840, 79.6304, 86.2178

Protanopia

76.5632, 79.4140, 86.1560

Deuteranopia

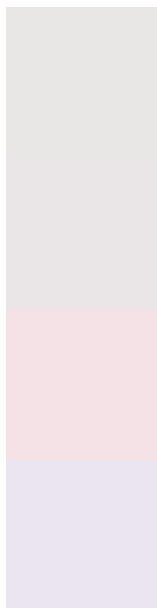
80.9564, 79.2403, 86.6294



Tritanopia

78.6389, 79.8028, 98.4475

Trichromacy



Original Color

76.1840, 79.6304, 86.2178

Protanomaly

76.2339, 79.2442, 86.1406

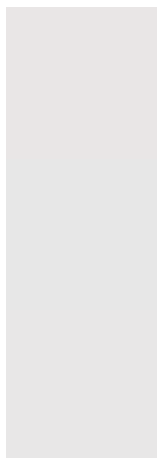
Deuteranomaly

79.2763, 79.5747, 86.7824

Tritanomaly

77.6792, 79.8223, 93.7512

Monochromacy



Original Color

76.1840, 79.6304, 86.2178

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.2784, 80.0772, 87.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1840, 79.6304, 86.2178 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(233, 230, 230) looks like.

```
.text, #text, p{  
    color:rgb(233, 230, 230)  
}
```

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(233, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.1840, 79.6304, 86.2178 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(233, 230, 230) }
```

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

```
.border{ border-color:rgb(233, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(233, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 230,  
230) }
```


Background

The CSS property to change the background color of an element to XYZ 76.1840, 79.6304, 86.2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 230, 230) }
```

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

```
.background{ background-color: rgb(233,  
230, 230) }
```

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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