

Converting Colors

XYZ(76.4095, 80.6030, 86.1946)

Have a look what the booklet for
XYZ(76.4095, 80.6030, 86.1946)
contains.

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Color

**XYZ(76.4183, 80.5822,
86.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E8E6
RGB	232, 232, 230
RGB Percent	91%, 91%, 90%
CMY	0.0902, 0.0902, 0.0980
CMYK	0.00, 0.00, 0.01, 0.09
HSL	60°, 4%, 91%
HSV	60°, 1%, 91%
XYZ	76.4183, 80.5822, 86.3892
YIQ	231.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

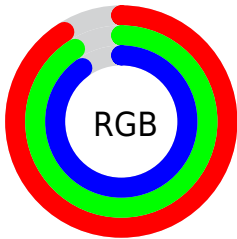
Format	Color
R _Y B	230, 232, 230
Decimal	15263974
CIE Lab	91.95, -0.35, 0.96
CIE LCh	92, 1.022, 110.021
Yxy	80.5822, 0.3140, 0.3311
Android (android.graphics.Color)	4293454054 (0xFFE8E8E6)
YUV	231.7720, -0.8736, 0.2000
Hunter-Lab	89.7676, -5.1379, 5.7787

Details

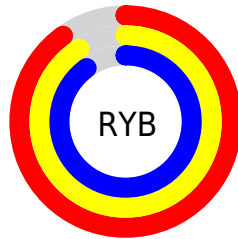
The XYZ color **76.4183, 80.5822, 86.3892** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4985, 79.2450, 87.6646**, and the grayscale version is **76.5392, 80.5252, 87.6920**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1677, 43.3759, 46.7601** is the 20% darker color. If you saturate the color by 10%, you get **73.3612, 79.3602, 70.3556**, and if you desaturate by 10%, it is **79.9137, 81.9846, 104.7102**.

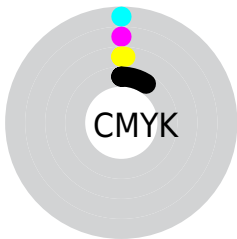
Distribution



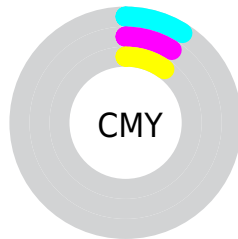
- Red (91%)
- Green (91%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4183, 80.5822, 86.3892 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 76.4183, 80.5822, 86.3892 by changing the saturation by 10% instead.

■ 76.4183, 80.5822,
86.3892

■ 76.4183, 80.5822,
86.3892

471.7008,
496.8927, 536.4777

■ 57.0738, 60.1976,
64.4331

127.2952,
134.1840, 144.2038

■ 41.3049, 43.5779,
46.5531

159.5584,
168.1699, 180.8995

■ 28.7461, 30.3388,
32.3307

196.8585,
207.4583, 223.3454

■ 19.0322, 20.0959,
21.3473

239.5610,
252.4338, 271.9600

■ 11.7977, 12.4648,
13.1844

288.0311,
303.4805, 327.1621

■ 6.6773, 7.0610,
7.4234

342.6342,

■ 3.3056, 3.5003,

360.9830, 389.3700

3.6459

403.7356,
425.3256, 459.0024

■ 1.3174, 1.3982,
1.4331

■ 0.1962, 0.2154,
0.1674

■ 76.4183, 80.5822,
86.3892

■ 76.4183, 80.5822,
86.3892

■ 73.3612, 79.3602,
70.3556

■ 79.9137, 81.9846,
104.7102

■ 70.7185, 78.3015,
56.5146

■ 80.2163, 82.1073,
106.2282

■ 68.4744, 77.4022,
44.7726

■ 80.2307, 82.1147,
106.2289

■ 66.6094, 76.6545,
35.0271

■ 80.2451, 82.1222,
106.2295

65.1025, 76.0501,
27.1671

80.2596, 82.1296,
106.2302

63.9305, 75.5797,
21.0708

80.2740, 82.1371,
106.2309

63.0677, 75.2328,
16.6021

80.2885, 82.1445,
106.2316

62.4842, 74.9978,
13.6050

80.3029, 82.1520,
106.2322

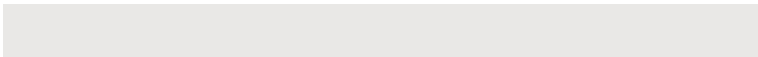
62.1449, 74.8604,
11.8932

80.3174, 82.1594,
106.2329

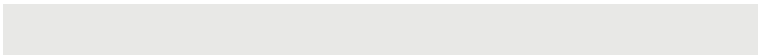
Harmonies

Analogous

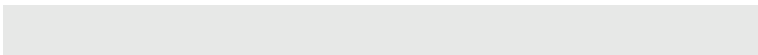
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6785, 80.5822, 86.3244



76.4183, 80.5822, 86.3892



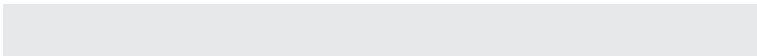
76.2049, 80.5822, 86.8149

Triad

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



76.4183, 80.5822, 86.3892



76.2671, 80.5822, 88.8526



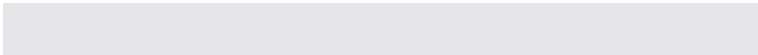
77.0891, 80.5822, 87.9910

Complementary

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



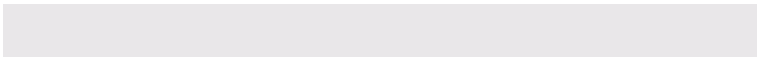
76.4183, 80.5822, 86.3892



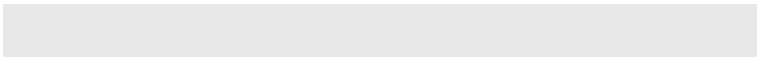
75.4985, 79.2450, 87.6646

Split Complementary

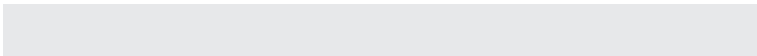
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9784, 80.5822, 88.6723



76.4183, 80.5822, 86.3892



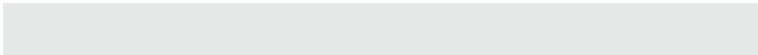
76.5035, 80.5822, 89.1716

Square

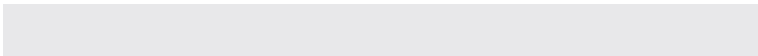
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



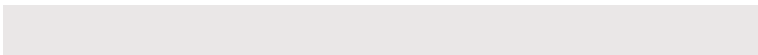
76.4183, 80.5822, 86.3892



76.1177, 80.5822, 88.2361



76.7639, 80.5822, 89.1054



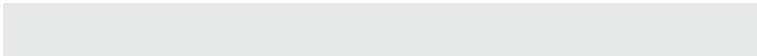
77.0662, 80.5822, 87.2464

Rectangle

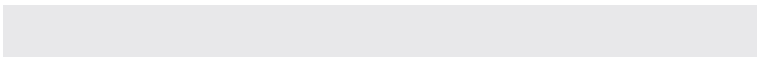
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



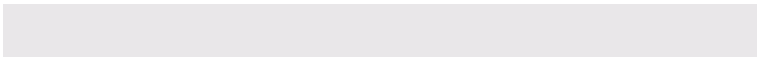
76.4183, 80.5822, 86.3892



76.1176, 80.5822, 87.2474



76.7639, 80.5822, 89.1054



77.0663, 80.5822, 88.2351

Sweetspot

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



76.4206, 80.5857, 86.3910

95.0500, 100.0000, 108.9000



75.8609, 79.4646, 86.2041



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

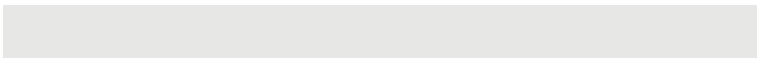
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4206, 80.5857, 86.3910



94.6403, 99.8359, 106.7520



76.0975, 80.4191, 86.3758



16.1541, 17.0382, 18.2385



34.4165, 41.5238, 6.2010



2.5441, 3.0689, 0.4583

Inverse Universe

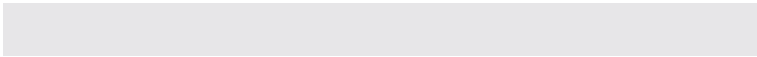
The Inverse Universe completely reimagines the original color for something new.



75.4985, 79.2450, 87.6646



93.3117, 97.9043, 108.5871



75.8197, 79.4106, 87.6797



15.9408, 16.7282, 18.5330



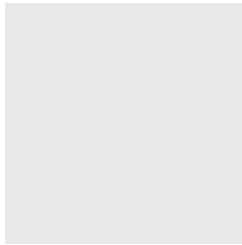
8.0905, 3.2367, 42.5815



0.5988, 0.2396, 3.1467

Previews

White Background



This preview shows how the XYZ color 76.4183, 80.5822, 86.3892 looks on a white background.

Color Contrast Check

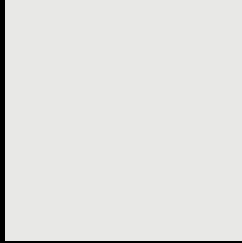
Large Text (above 18pt) WCAG AA × Fail

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 76.4183, 80.5822, 86.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

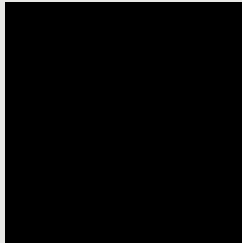
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

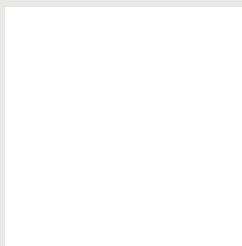
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4183, 80.5822, 86.3892

Background



This preview shows how black text looks on a background with the XYZ color 76.4183, 80.5822, 86.3892.



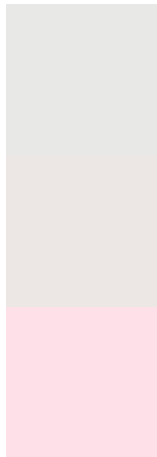
This preview shows how white text looks on a background with the XYZ color 76.4183, 80.5822,

86.3892.

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

76.4183, 80.5822, 86.3892

Protanopia

77.3108, 80.6418, 85.6195

Deuteranopia

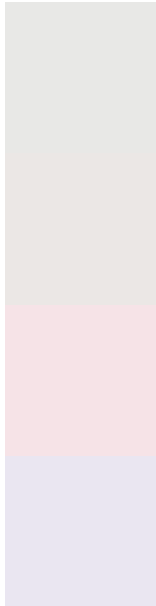
82.0942, 80.2083, 87.4989



Tritanopia

79.0688, 80.4162, 99.3502

Trichromacy



Original Color

76.4183, 80.5822, 86.3892

Protanomaly

76.9797, 80.4711, 85.6040

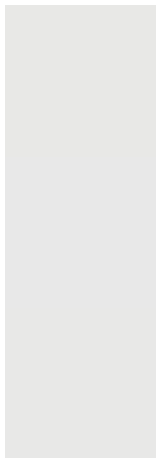
Deuteranomaly

79.8989, 80.3005, 86.8897

Tritanomaly

78.1057, 80.4369, 94.6284

Monochromacy



Original Color

76.4183, 80.5822, 86.3892

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.5591, 80.6386, 87.1310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4183, 80.5822, 86.3892 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(232, 232, 230) looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 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(232, 232, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.4183, 80.5822, 86.3892 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(232, 232, 230) }
```

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

```
.border{ border-color:rgb(232, 232, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
230) }
```


Background

The CSS property to change the background color of an element to XYZ 76.4183, 80.5822, 86.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 230) }
```

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

```
.background{ background-color: rgb(232,  
232, 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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