

Converting Colors

XYZ(76.1598, 80.1780, 84.3550)

Have a look what the booklet for
XYZ(76.1598, 80.1780, 84.3550)
contains.

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Color

**XYZ(76.0453, 80.0215,
84.1107)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E7E3
RGB	233, 231, 227
RGB Percent	91%, 91%, 89%
CMY	0.0863, 0.0941, 0.1098
CMYK	0.00, 0.01, 0.03, 0.09
HSL	40°, 12%, 90%
HSV	40°, 3%, 91%
XYZ	76.0453, 80.0215, 84.1107
YIQ	231.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

Format	Color
R_{YB}	230, 233, 227
Decimal	15329251
CIE Lab	91.69, -0.03, 2.17
CIE LCh	92, 2.170, 90.684
Yxy	80.0215, 0.3166, 0.3332
Android (android.graphics.Color)	4293519331 (0xFFE9E7E3)
YUV	231.1420, -2.0420, 1.6295
Hunter-Lab	89.4547, -4.8033, 6.8703

Details

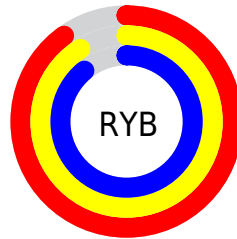
The XYZ color **76.0453, 80.0215, 84.1107** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.4058, 78.2516, 88.2743**, and the grayscale version is **76.0767, 80.0386, 87.1620**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9078, 42.9856, 45.1707** is the 20% darker color. If you saturate the color by 10%, you get **70.9238, 74.5808, 67.5966**, and if you desaturate by 10%, it is **81.7026, 85.8354, 102.9524**.

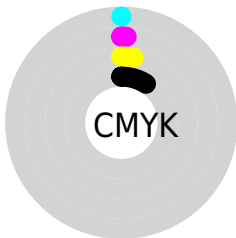
Distribution



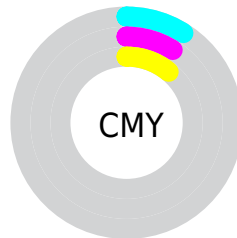
- Red (91%)
- Green (91%)
- Blue (89%)



- Red (90%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0453, 80.0215, 84.1107 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 76.0453, 80.0215, 84.1107 by changing the saturation by 10% instead.

■ 76.0453, 80.0215,
84.1107

■ 76.0453, 80.0215,
84.1107

470.4448,
495.0053, 528.7484

■ 56.7668, 59.7360,
62.5609

126.7710,
133.3960, 140.9931

■ 41.0575, 43.2059,
45.0474

158.9489,
167.2538, 177.1628

■ 28.5519, 30.0467,
31.1515

196.1573,
206.4045, 219.0430

■ 18.8847, 19.8740,
20.4548

238.7616,
251.2324, 267.0520

■ 11.6905, 12.3035,
12.5387

287.1271,
302.1221, 321.6086

■ 6.6040, 6.9507,
6.9847

341.6193,

■ 3.2598, 3.4313,

359.4579, 383.1311

3.3742

402.6034,
423.6242, 452.0382

■ 1.2926, 1.3608,
1.2888

■ 0.1777, 0.1876,
0.0526

■ 76.0453, 80.0215,
84.1107

■ 76.0453, 80.0215,
84.1107

■ 70.9238, 74.5808,
67.5966

■ 81.7026, 85.8354,
102.9524

■ 66.3129, 69.4935,
53.3132

■ 84.7649, 90.7643,
107.6594

■ 62.1949, 64.7532,
41.1642

■ 87.1784, 95.5913,
108.4639

■ 58.5488, 60.3493,
31.0443

■ 87.4147, 96.0639,
108.5427

■ 55.3515, 56.2705,
22.8392

■ 52.5780, 52.5048,
16.4232

■ 50.2002, 49.0386,
11.6552

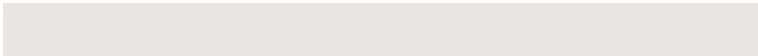
■ 48.1859, 45.8569,
8.3731

■ 46.4966, 42.9420,
6.3807

Harmonies

Analogous

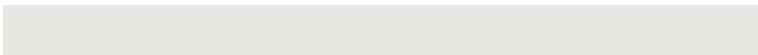
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5815, 80.0215, 84.4932



76.0453, 80.0215, 84.1107



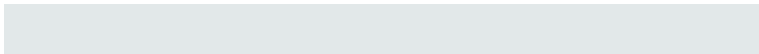
75.5150, 80.0215, 84.5289

Triad

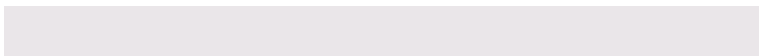
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0453, 80.0215, 84.1107



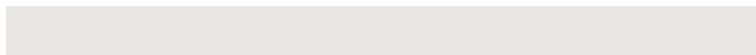
75.1444, 80.0215, 88.6980



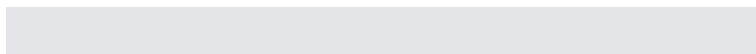
76.9919, 80.0215, 88.6341

Complementary

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



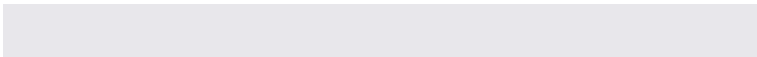
76.0453, 80.0215, 84.1107



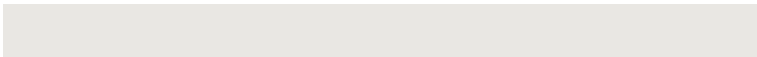
74.4058, 78.2516, 88.2743

Split Complementary

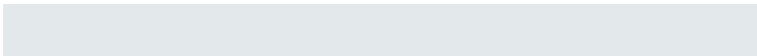
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6037, 80.0215, 89.7835



76.0453, 80.0215, 84.1107



75.5370, 80.0215, 89.8207

Square

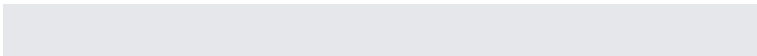
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



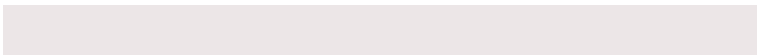
76.0453, 80.0215, 84.1107



74.9964, 80.0215, 87.1663



76.0708, 80.0215, 90.2203



77.1296, 80.0215, 87.0933

Rectangle

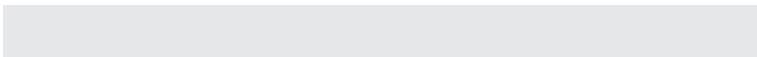
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0453, 80.0215, 84.1107



75.2358, 80.0215, 85.2085



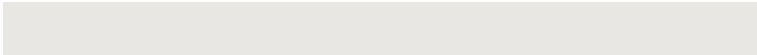
76.0708, 80.0215, 90.2203



76.8863, 80.0215, 89.0797

Sweetspot

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



76.0475, 80.0250, 84.1124



94.3721, 99.2968, 106.6620



75.2173, 77.9202, 85.2056



20.2067, 21.2610, 22.8537



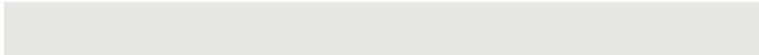
0.0000, 0.0000, 0.0000



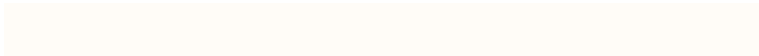
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0475, 80.0250, 84.1124



93.0361, 97.9041, 102.2730



76.2838, 80.9808, 84.2845



16.5505, 17.4169, 17.9968



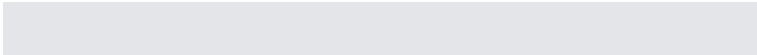
25.8838, 23.4618, 3.1644



2.1202, 2.0177, 0.2777

Inverse Universe

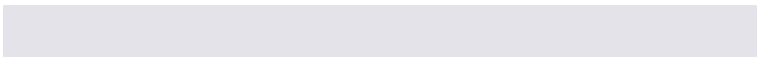
The Inverse Universe completely reimagines the original color for something new.



74.4058, 78.2516, 88.2743



90.6842, 95.3637, 108.2352



74.1731, 77.3166, 88.1061



16.0247, 16.8489, 19.3298



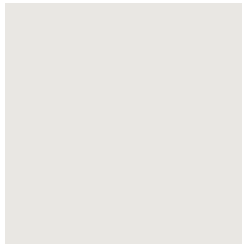
9.9733, 6.5937, 44.4900



0.8686, 0.6887, 3.5220

Previews

White Background



This preview shows how the XYZ color 76.0453, 80.0215, 84.1107 looks on a white background.

Color Contrast Check

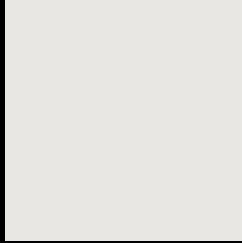
Large Text (above 18pt) WCAG AA × Fail

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 76.0453, 80.0215, 84.1107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

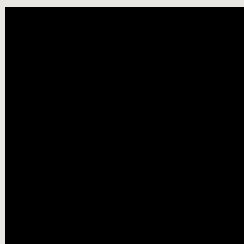
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

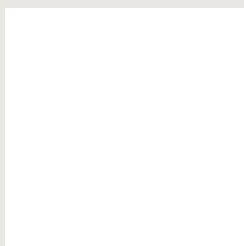
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0453, 80.0215, 84.1107

Background



This preview shows how black text looks on a background with the XYZ color 76.0453, 80.0215, 84.1107.

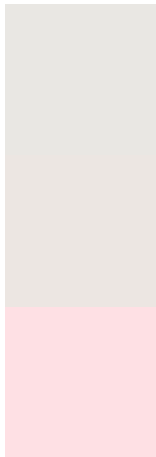


This preview shows how white text looks on a background with the XYZ color 76.0453, 80.0215,

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

76.0453, 80.0215, 84.1107

Protanopia

76.6164, 79.9175, 83.3390

Deuteranopia

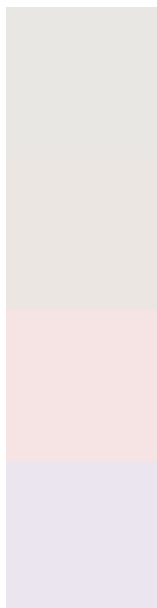
81.5323, 79.9836, 84.5399



Tritanopia

78.9700, 79.9735, 98.4630

Trichromacy



Original Color

76.0453, 80.0215, 84.1107

Protanomaly

76.2852, 79.7468, 83.3235

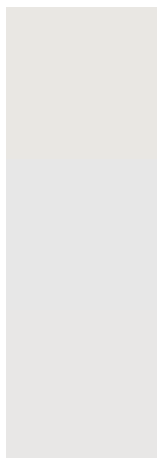
Deuteranomaly

79.4787, 80.1324, 84.6769

Tritanomaly

77.8602, 79.9328, 92.9862

Monochromacy



Original Color

76.0453, 80.0215, 84.1107

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.1376, 80.0208, 86.2956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0453, 80.0215, 84.1107 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, 231, 227) looks like.

```
.text, #text, p{  
    color:rgb(233, 231, 227)  
}
```

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, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 231, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.0453, 80.0215, 84.1107 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, 231, 227) }
```


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

```
.border{ border-color:rgb(233, 231, 227) }
```

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

Here you see how a box with a 4 pixel rgb(233, 231, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 231,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0453, 80.0215, 84.1107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 231, 227) }
```

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

```
.background{ background-color: rgb(233,  
231, 227) }
```

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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