

Converting Colors

XYZ(76.2984, 78.9576, 84.1686)

Have a look what the booklet for
XYZ(76.2984, 78.9576, 84.1686)
contains.

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Color

**XYZ(76.2006, 78.8657,
83.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE4E3
RGB	236, 228, 227
RGB Percent	93%, 89%, 89%
CMY	0.0745, 0.1059, 0.1098
CMYK	0.00, 0.03, 0.04, 0.07
HSL	7°, 19%, 91%
HSV	7°, 4%, 93%
XYZ	76.2006, 78.8657, 83.8794
YIQ	230.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

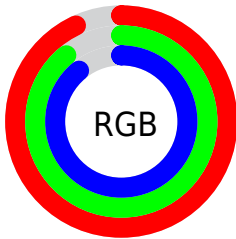
Format	Color
R _Y B	236, 228, 227
Decimal	15525091
CIE Lab	91.17, 2.54, 1.44
CIE LCh	91, 2.916, 29.592
Yxy	78.8657, 0.3189, 0.3301
Android (android.graphics.Color)	4293715171 (0xFFECE4E3)
YUV	230.2780, -1.6161, 5.0182
Hunter-Lab	88.8064, -2.2486, 6.1639

Details

The XYZ color **76.2006, 78.8657, 83.8794** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5271, 81.8025, 91.1140**, and the grayscale version is **75.4304, 79.3587, 86.4216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2124, 42.5690, 45.0742** is the 20% darker color. If you saturate the color by 10%, you get **67.7420, 66.8083, 66.0759**, and if you desaturate by 10%, it is **85.8097, 92.5076, 104.2710**.

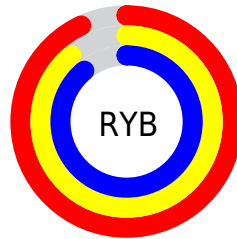
Distribution



Red (93%)

Green (89%)

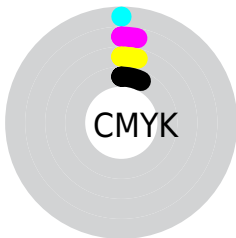
Blue (89%)



Red (93%)

Yellow (89%)

Blue (89%)

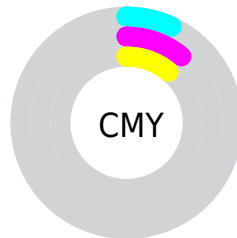


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2006, 78.8657, 83.8794 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 76.2006, 78.8657, 83.8794 by changing the saturation by 10% instead.

76.2006, 78.8657,
83.8794

76.2006, 78.8657,
83.8794

470.9680,
491.1019, 527.9602

56.8946, 58.7854,
62.3711

126.9893,
131.7698, 140.6667

41.1605, 42.4404,
44.8949

159.2027,
165.3623, 176.7827

28.6327, 29.4463,
31.0323

196.4493,
204.2278, 218.6050

18.9460, 19.4187,
20.3648

239.0945,
248.7505, 266.5522

11.7351, 11.9732,
12.4738

287.5036,
299.3149, 321.0428

6.6345, 6.7254,
6.9408

342.0420,

3.2788, 3.2910,

356.3053, 382.4953

3.3472

403.0750,
420.1062, 451.3283

■ 1.3029, 1.2855,
1.2745

■ 0.1854, 0.1299,
0.0408

■ 76.2006, 78.8657,
83.8794

■ 76.2006, 78.8657,
83.8794

■ 67.7420, 66.8083,
66.0759

■ 85.8097, 92.5076,
104.2710

■ 60.3844, 56.2680,
50.7522

■ 88.4025, 96.5731,
108.5889

■ 54.0842, 47.1879,
37.7995

■ 48.7926, 39.5034,
27.0993

■ 44.4569, 33.1452,
18.5228

■ 41.0194, 28.0378,
11.9279

■ 38.4165, 24.0985,
7.1555

■ 36.5755, 21.2341,
4.0216

■ 35.4114, 19.3373,
2.3032

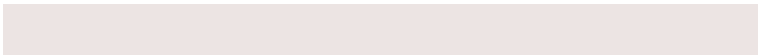
Harmonies

Analogous

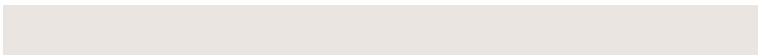
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3879, 78.8657, 85.9003



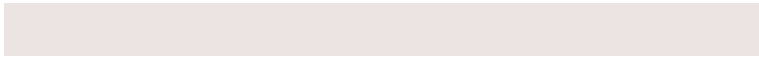
76.2006, 78.8657, 83.8794



75.6803, 78.8657, 82.4127

Triad

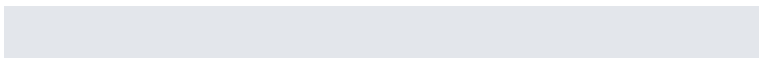
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2006, 78.8657, 83.8794



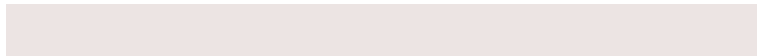
73.7419, 78.8657, 83.8301



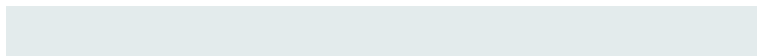
74.9494, 78.8657, 90.0010

Complementary

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



76.2006, 78.8657, 83.8794



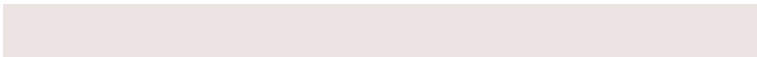
76.5271, 81.8025, 91.1140

Split Complementary

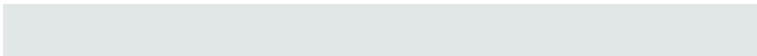
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2433, 78.8657, 89.4254



76.2006, 78.8657, 83.8794



73.5490, 78.8657, 85.8424

Square

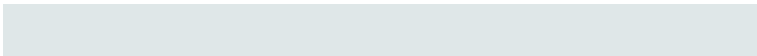
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



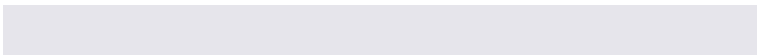
76.2006, 78.8657, 83.8794



74.2607, 78.8657, 82.3846



73.7319, 78.8657, 87.8946



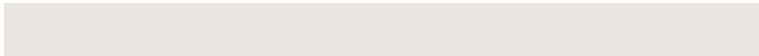
75.6626, 78.8657, 89.4551

Rectangle

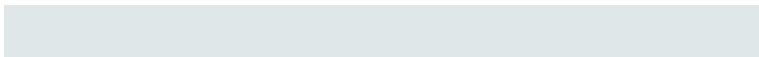
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



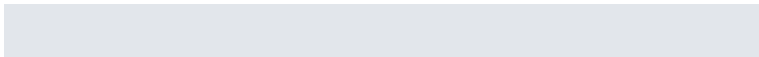
76.2006, 78.8657, 83.8794



75.2162, 78.8657, 81.9347



73.7319, 78.8657, 87.8946



74.7033, 78.8657, 89.9321

Sweetspot

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



76.2028, 78.8691, 83.8811



93.9236, 98.3999, 106.5126



77.0721, 78.7761, 89.8173



20.1154, 21.0785, 22.8232



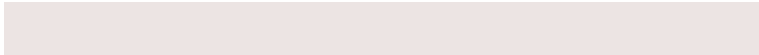
0.0000, 0.0000, 0.0000



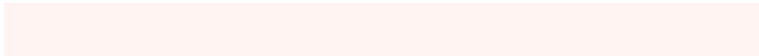
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2028, 78.8691, 83.8811



89.5568, 92.1902, 97.2757



77.4276, 81.3188, 84.2894



15.8948, 16.3134, 17.1378



19.3214, 10.3371, 0.9769



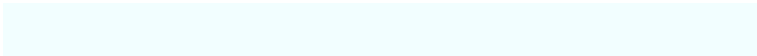
1.5621, 0.9016, 0.0917

Inverse Universe

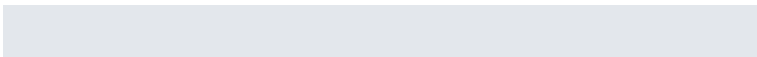
The Inverse Universe completely reimagines the original color for something new.



76.5271, 81.8025, 91.1140



90.0617, 96.7573, 108.5370



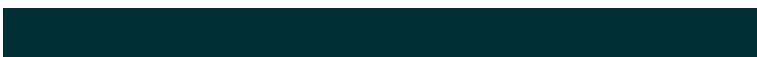
75.2841, 79.3164, 90.6997



15.9965, 17.2331, 19.4055



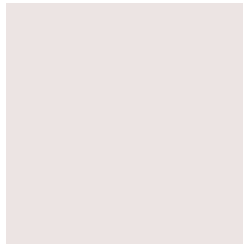
21.0646, 28.7763, 48.1871



1.6950, 2.3415, 3.7975

Previews

White Background



This preview shows how the XYZ color 76.2006, 78.8657, 83.8794 looks on a white background.

Color Contrast Check

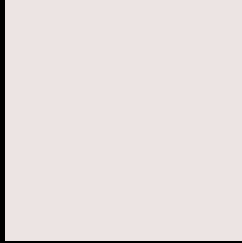
Large Text (above 18pt) WCAG AA × Fail

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 76.2006, 78.8657, 83.8794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

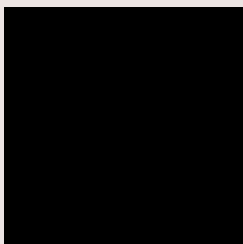
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

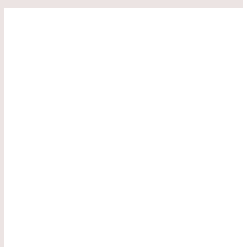
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2006, 78.8657, 83.8794

Background



This preview shows how black text looks on a background with the XYZ color 76.2006, 78.8657, 83.8794.

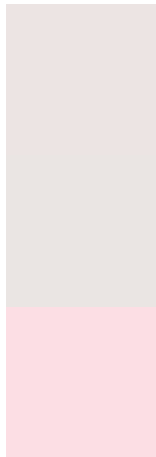


This preview shows how white text looks on a background with the XYZ color 76.2006, 78.8657,

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

76.2006, 78.8657, 83.8794

Protanopia

75.8161, 79.0771, 83.9405

Deuteranopia

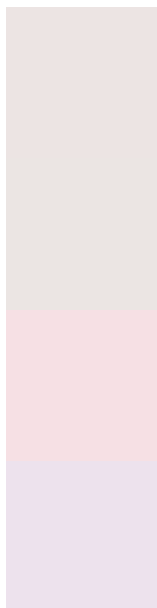
80.2698, 78.5394, 84.3277



Tritanopia

78.3628, 78.4986, 95.8156

Trichromacy



Original Color

76.2006, 78.8657, 83.8794

Protanomaly

76.1454, 79.2468, 83.9559

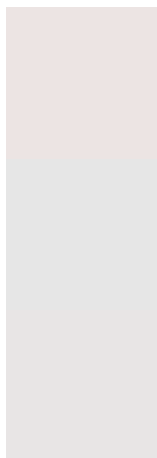
Deuteranomaly

78.6653, 78.5056, 84.4058

Tritanomaly

77.4075, 78.5117, 91.1952

Monochromacy



Original Color

76.2006, 78.8657, 83.8794

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4409, 78.8516, 85.3725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2006, 78.8657, 83.8794 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(236, 228, 227) looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 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(236, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.2006, 78.8657, 83.8794 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(236, 228, 227) }
```


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

```
.border{ border-color:rgb(236, 228, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 228, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 228, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 228, 227); box-shadow:4px 4px 4px 4px rgb(236, 228, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2006, 78.8657, 83.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 227) }
```

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

```
.background{ background-color: rgb(236,  
228, 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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