

Converting Colors

XYZ(70.1623, 70.2809, 68.6119)

Have a look what the booklet for
XYZ(70.1623, 70.2809, 68.6119)
contains.

XYZ(70.3166, 70.2706, 68.8890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.3166, 70.2706,
68.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	EED5CF
RGB	238, 213, 207
RGB Percent	93%, 84%, 81%
CMY	0.0667, 0.1647, 0.1882
CMYK	0.00, 0.11, 0.13, 0.07
HSL	12°, 48%, 87%
HSV	12°, 13%, 93%
XYZ	70.3166, 70.2706, 68.8890
YIQ	219.7910, 16.8260, 3.4340

Conversions

Conversions Part 2

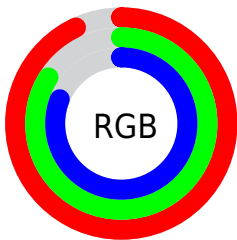
Format	Color
R _Y B	238, 214, 207
Decimal	15652303
CIE Lab	87.13, 7.69, 6.11
CIE LCh	87, 9.824, 38.485
Yxy	70.2706, 0.3357, 0.3355
Android (android.graphics.Color)	4293842383 (0xFFEED5CF)
YUV	219.7910, -6.3060, 15.9693
Hunter-Lab	83.8276, 3.0319, 9.9551

Details

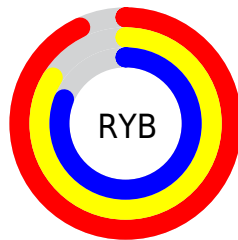
The XYZ color **70.3166, 70.2706, 68.8890** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0210, 77.1501, 92.0905**, and the grayscale version is **67.9177, 71.4547, 77.8142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2680, 36.6987, 35.2563** is the 20% darker color. If you saturate the color by 10%, you get **63.0791, 60.1060, 53.1868**, and if you desaturate by 10%, it is **78.5678, 81.7593, 87.0947**.

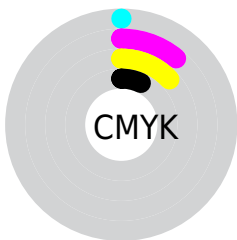
Distribution



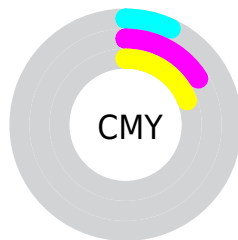
- Red (93%)
- Green (84%)
- Blue (81%)



- Red (93%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (7%)





- Cyan (7%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3166, 70.2706, 68.8890 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 70.3166, 70.2706, 68.8890 by changing the saturation by 10% instead.


 70.3166, 70.2706,
68.8890

 70.3166, 70.2706,
68.8890


450.9100,
461.4996, 475.3227

 52.0652, 51.7472,
50.1501


118.6839,
119.5946, 119.2892

 37.2815, 36.8036,
35.1607


149.5306,
151.1639, 151.7877

 25.6002, 25.0555,
23.5021


185.3064,
187.8506, 189.7097

 16.6559, 16.1184,
14.7559

226.3767,
230.0392, 233.4739

 10.0832, 9.6080,
8.5036

273.1069,
278.1140, 283.4987

 5.5169, 5.1398,
4.3265

325.8622,

 2.5914, 2.3295,

332.4594, 340.2028

1.8061

385.0081,
393.4598, 404.0046

■ 0.9416, 0.7893,
0.4320

■ 0.0000, 0.0000,
0.0000

■ 70.3166, 70.2706,
68.8890

■ 70.3166, 70.2706,
68.8890

■ 63.0791, 60.1060,
53.1868

■ 78.5678, 81.7593,
87.0947

■ 56.8102, 51.2086,
39.8738

■ 87.8641, 94.6077,
107.9021

■ 51.4696, 43.5312,
28.8339

■ 89.0702, 96.9173,
108.6201

■ 47.0124, 37.0199,
19.9390

■ 43.3893, 31.6170,
13.0486

■ 40.5463, 27.2596,
8.0051

■ 38.4225, 23.8782,
4.6273

■ 36.9472, 21.3943,
2.6963

■ 36.2410, 20.1389,
1.9771

Harmonies

Analogous

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



71.2662, 70.2706, 74.6568



70.3166, 70.2706, 68.8890



68.4273, 70.2706, 65.3107

Triad

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



70.3166, 70.2706, 68.8890



62.7547, 70.2706, 71.9554



67.4456, 70.2706, 89.7536

Complementary

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



70.3166, 70.2706, 68.8890



70.0210, 77.1501, 92.0905

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.



65.1792, 70.2706, 88.9276



70.3166, 70.2706, 68.8890



62.5055, 70.2706, 78.3992

Square

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



70.3166, 70.2706, 68.8890



64.0722, 70.2706, 67.0089



63.3835, 70.2706, 84.6792



69.5838, 70.2706, 86.8752

Rectangle

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



70.3166, 70.2706, 68.8890



66.9072, 70.2706, 64.5227



63.3835, 70.2706, 84.6792



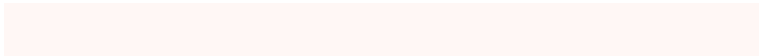
66.6731, 70.2706, 89.9031

Sweetspot

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



70.3185, 70.2737, 68.8905



90.8831, 94.2247, 99.6233



72.1840, 68.6480, 86.0266



19.2897, 19.9416, 20.9618



0.0000, 0.0000, 0.0000



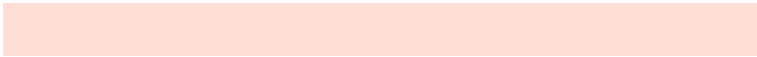
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3185, 70.2737, 68.8905



79.5516, 78.4222, 74.6965



74.3170, 78.2707, 70.2233



16.0206, 16.2543, 16.4427



20.2891, 11.3763, 1.1265



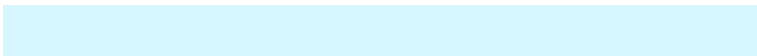
1.7546, 1.0799, 0.1160

Inverse Universe

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



70.0210, 77.1501, 92.0905



79.1306, 88.1275, 107.4474



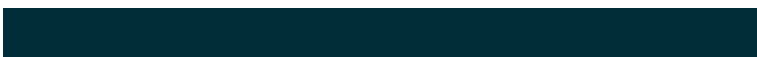
65.9313, 68.9707, 90.7273



15.9721, 17.3782, 20.2341



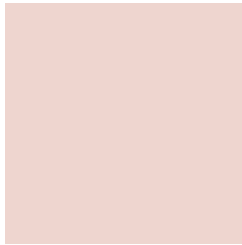
19.2059, 24.6361, 48.8709



1.6636, 2.1812, 4.0875

Previews

White Background



This preview shows how the XYZ color 70.3166, 70.2706, 68.8890 looks on a white background.

Color Contrast Check

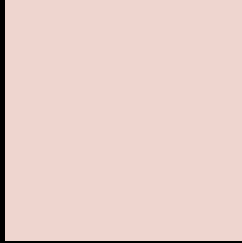
Large Text (above 18pt) WCAG AA × Fail

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 70.3166, 70.2706, 68.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

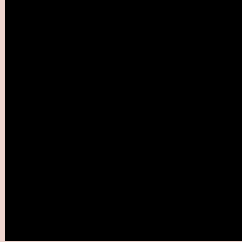
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3166, 70.2706, 68.8890

Background



This preview shows how black text looks on a background with the XYZ color 70.3166, 70.2706, 68.8890.

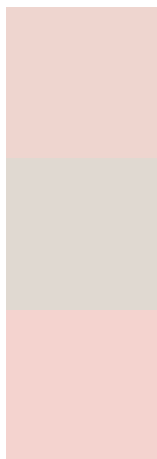


This preview shows how white text looks on a background with the XYZ color 70.3166, 70.2706,

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

70.3166, 70.2706, 68.8890

Protanopia

67.0619, 70.0765, 70.3132

Deuteranopia

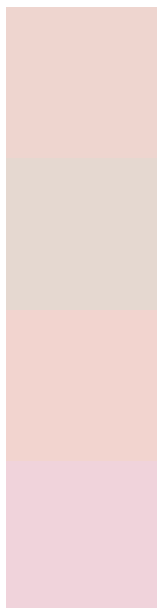
71.8650, 70.3266, 68.8182



Tritanopia

73.0497, 70.2849, 81.6677

Trichromacy



Original Color

70.3166, 70.2706, 68.8890

Protanomaly

68.2541, 70.3238, 69.6510

Deuteranomaly

71.4239, 70.4692, 68.8690

Tritanomaly

72.0156, 70.2283, 76.7776

Monochromacy



Original Color

70.3166, 70.2706, 68.8890

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7571, 70.8629, 74.3440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3166, 70.2706, 68.8890 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(238, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 207)  
}
```

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(238, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 207) }
```

Border

The CSS property to change the border of an element to XYZ 70.3166, 70.2706, 68.8890 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(238, 213, 207) }
```


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

```
.border{ border-color:rgb(238, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3166, 70.2706, 68.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 213, 207) }
```

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

```
.background{ background-color: rgb(238,  
213, 207) }
```

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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