

Converting Colors

XYZ(67.7172, 70.6318, 60.5163)

Have a look what the booklet for
XYZ(67.7172, 70.6318, 60.5163)
contains.

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Color

**XYZ(67.7172, 70.6318,
60.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D9C1
RGB	232, 217, 193
RGB Percent	91%, 85%, 76%
CMY	0.0902, 0.1490, 0.2431
CMYK	0.00, 0.06, 0.17, 0.09
HSL	37°, 46%, 83%
HSV	37°, 17%, 91%
XYZ	67.7172, 70.6318, 60.5163
YIQ	218.7490, 16.6440, -4.2840

Conversions

Conversions Part 2

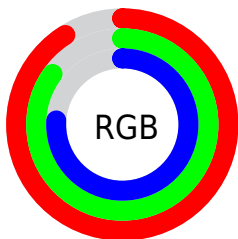
Format	Color
R_{YB}	217, 232, 193
Decimal	15260097
CIE _{Lab}	87.31, 1.29, 13.68
CIE _{LCh}	87, 13.736, 84.624
Yxy	70.6318, 0.3405, 0.3552
Android (android.graphics.Color)	4293450177 (0xFFE8D9C1)
YUV	218.7490, -12.6943, 11.6211
Hunter-Lab	84.0427, -3.2489, 16.1372

Details

The XYZ color **67.7172, 70.6318, 60.5163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1134, 62.2740, 85.2489**, and the grayscale version is **67.2367, 70.7383, 77.0340**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **35.4850, 36.9348, 29.6850** is the 20% darker color. If you saturate the color by 10%, you get **63.0926, 65.2042, 47.1922**, and if you desaturate by 10%, it is **72.8760, 76.4767, 76.0231**.

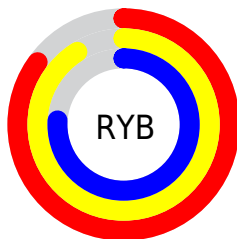
Distribution



Red (91%)

Green (85%)

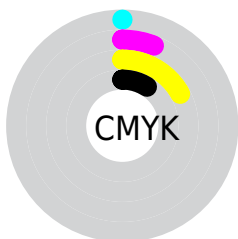
Blue (76%)



Red (85%)

Yellow (91%)

Blue (76%)

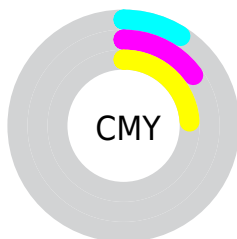


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7172, 70.6318, 60.5163 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 67.7172, 70.6318, 60.5163 by changing the saturation by 10% instead.

67.7172, 70.6318,
60.5163

67.7172, 70.6318,
60.5163

441.8858,
462.7653, 444.3556

49.9405, 52.0418,
43.4069

114.9916,
120.1093, 107.1290

35.5838, 37.0384,
29.8707

145.2201,
151.7656, 137.4693

24.2815, 25.2372,
19.4893

180.3299,
188.5460, 173.0570

15.6684, 16.2539,
11.8440

220.6863,
230.8351, 214.3107

9.3792, 9.7040,
6.5163

266.6548,
279.0172, 261.6489

5.0484, 5.2031,
3.0877

318.6006,

2.3107, 2.3669,

333.4766, 315.4900

1.1396

376.8892,
394.5979, 376.2528

■ 0.8002, 0.8088,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7172, 70.6318,
60.5163

■ 67.7172, 70.6318,
60.5163

■ 63.0926, 65.2042,
47.1922

■ 72.8760, 76.4767,
76.0231

■ 58.9756, 60.1730,
35.9463

■ 78.5827, 82.7404,
93.8017

■ 55.3458, 55.5292,
26.6721

■ 83.6094, 88.9369,
107.3676

■ 52.1789, 51.2599,
19.2518

■ 86.3554, 94.4289,
108.2829

■ 49.4481, 47.3510,
13.5549

■ 87.0889, 95.8959,
108.5274

■ 47.1234, 43.7871,
9.4337

■ 45.1699, 40.5505,
6.7153

■ 43.5435, 37.6202,
5.1790

■ 43.0711, 36.7402,
4.8215

Harmonies

Analogous

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



70.7950, 70.6318, 63.2910



67.7172, 70.6318, 60.5163



64.5779, 70.6318, 61.8382

Triad

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



67.7172, 70.6318, 60.5163



61.6424, 70.6318, 84.5606



72.3277, 70.6318, 87.6741

Complementary

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



67.7172, 70.6318, 60.5163



59.1134, 62.2740, 85.2489

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.



69.7555, 70.6318, 94.2419



67.7172, 70.6318, 60.5163



63.6003, 70.6318, 92.3456

Square

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



67.7172, 70.6318, 60.5163



61.1358, 70.6318, 75.2509



66.5530, 70.6318, 96.0162



73.5109, 70.6318, 78.5852

Rectangle

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



67.7172, 70.6318, 60.5163



62.8630, 70.6318, 64.9243



66.5530, 70.6318, 96.0162



71.5929, 70.6318, 90.2780

Sweetspot

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



67.7191, 70.6349, 60.5178



91.5206, 96.1178, 97.9303



63.8086, 59.8803, 68.2581



19.4860, 20.4587, 20.6435



0.0000, 0.0000, 0.0000



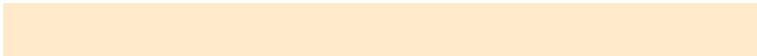
20.3446, 21.4041, 23.3091

Same Dimension

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



67.7191, 70.6349, 60.5178



81.9594, 85.2603, 69.2639



70.5095, 78.0744, 61.8067



15.1119, 15.8376, 15.1649



24.0367, 20.6476, 2.7185



1.8655, 1.7043, 0.2306

Inverse Universe

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



59.1134, 62.2740, 85.2489



69.5026, 73.1588, 105.0656



56.6361, 55.8239, 84.1345



14.0349, 14.7911, 18.2596



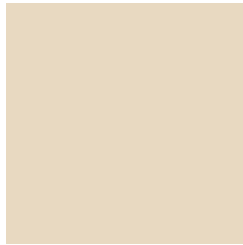
10.1917, 7.4456, 43.2832



0.8409, 0.7256, 3.2277

Previews

White Background



This preview shows how the XYZ color 67.7172, 70.6318, 60.5163 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 67.7172, 70.6318, 60.5163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

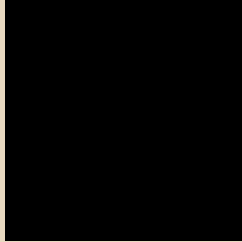
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

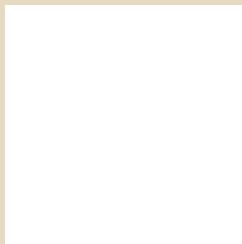
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7172, 70.6318, 60.5163

Background



This preview shows how black text looks on a background with the XYZ color 67.7172, 70.6318, 60.5163.

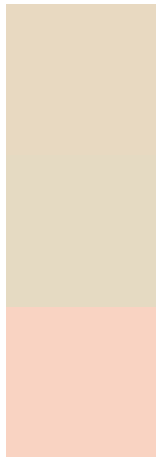


This preview shows how white text looks on a background with the XYZ color 67.7172, 70.6318,

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

67.7172, 70.6318, 60.5163

Protanopia

67.1221, 70.6959, 61.1469

Deuteranopia

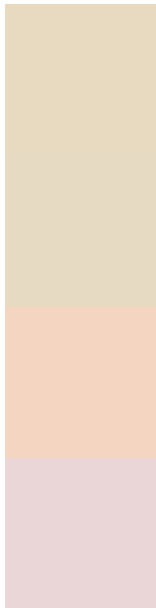
72.0988, 70.6233, 60.8706



Tritanopia

72.4721, 70.6929, 83.2242

Trichromacy



Original Color

67.7172, 70.6318, 60.5163

Protanomaly

67.4421, 70.8608, 61.1619

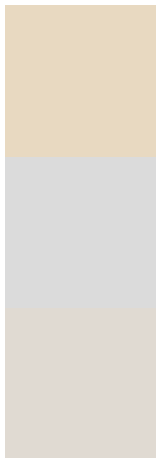
Deuteranomaly

70.4940, 70.5382, 60.9387

Tritanomaly

70.5733, 70.6616, 74.2094

Monochromacy



Original Color

67.7172, 70.6318, 60.5163

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.4447, 70.6432, 71.0536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7172, 70.6318, 60.5163 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, 217, 193) looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 193)  
}
```

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, 217, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 193) }
```

Border

The CSS property to change the border of an element to XYZ 67.7172, 70.6318, 60.5163 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, 217, 193) }
```


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

```
.border{ border-color:rgb(232, 217, 193) }
```

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

Here you see how a box with a 4 pixel rgb(232, 217, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 193);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7172, 70.6318, 60.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 193) }
```

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

```
.background{ background-color: rgb(232,  
217, 193) }
```

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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