

Converting Colors

XYZ(67.5420, 68.6442, 60.7287)

Have a look what the booklet for
XYZ(67.5420, 68.6442, 60.7287)
contains.

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Color

**XYZ(67.5420, 68.6442,
60.7287)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD4C2
RGB	235, 212, 194
RGB Percent	92%, 83%, 76%
CMY	0.0784, 0.1686, 0.2392
CMYK	0.00, 0.10, 0.17, 0.08
HSL	26°, 51%, 84%
HSV	26°, 17%, 92%
XYZ	67.5420, 68.6442, 60.7287
YIQ	216.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

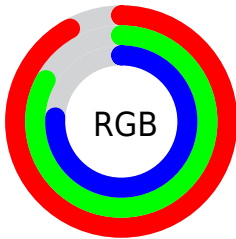
Format	Color
RYB	235, 226, 194
Decimal	15455426
CIELab	86.33, 5.12, 11.80
CIELCh	86, 12.860, 66.547
Yxy	68.6442, 0.3430, 0.3486
Android (android.graphics.Color)	4293645506 (0xFFEBD4C2)
YUV	216.8250, -11.2527, 15.9395
Hunter-Lab	82.8518, 0.5252, 14.5379

Details

The XYZ color **67.5420, 68.6442, 60.7287** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0559, 67.0915, 88.2769**, and the grayscale version is **65.9003, 69.3323, 75.5028**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **35.3810, 35.5911, 29.8159** is the 20% darker color. If you saturate the color by 10%, you get **61.9477, 61.3502, 46.8562**, and if you desaturate by 10%, it is **73.8264, 76.6493, 76.8919**.

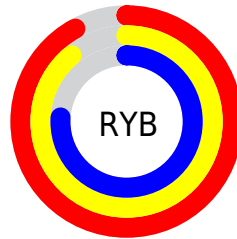
Distribution



Red (92%)

Green (83%)

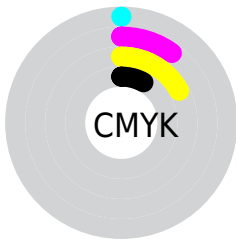
Blue (76%)



Red (92%)

Yellow (89%)

Blue (76%)

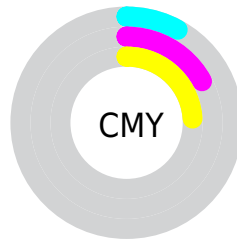


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5420, 68.6442, 60.7287 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 67.5420, 68.6442, 60.7287 by changing the saturation by 10% instead.

67.5420, 68.6442,
60.7287

67.5420, 68.6442,
60.7287

441.2738,
455.7751, 445.1575

49.7975, 50.4220,
43.5771

114.7422,
117.2732, 107.4397

35.4697, 35.7488,
30.0034

144.9287,
148.4489, 137.8362

24.1931, 24.2403,
19.5891

179.9932,
184.7111, 173.4848

15.6024, 15.5119,
11.9156

220.3011,
226.4443, 214.8040

9.3323, 9.1795,
6.5644

266.2177,
274.0330, 262.2123

5.0174, 4.8584,
3.1169

318.1085,

2.2923, 2.1644,

327.8614, 316.1283

1.1546

376.3387,
388.3139, 376.9706

0.7907, 0.7005,
0.0000

0.0000, 0.0000,
0.0000

67.5420, 68.6442,
60.7287

67.5420, 68.6442,
60.7287

61.9477, 61.3502,
46.8562

73.8264, 76.6493,
76.8919

57.0120, 54.7375,
35.1649

80.8199, 85.3758,
95.4399

52.7090, 48.7874,
25.5427

86.9793, 94.2186,
108.2094

49.0086, 43.4768,
17.8658

88.0711, 96.4023,
108.5734

■ 45.8782, 38.7811,
11.9967

■ 43.2810, 34.6737,
7.7798

■ 41.1749, 31.1250,
5.0327

■ 39.5064, 28.1001,
3.5140

■ 39.1311, 27.4023,
3.2267

Harmonies

Analogous

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



69.9371, 68.6442, 65.4259



67.5420, 68.6442, 60.7287



64.5958, 68.6442, 59.6522

Triad

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



67.5420, 68.6442, 60.7287



59.7374, 68.6442, 76.6208



68.7018, 68.6442, 88.6557

Complementary

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



67.5420, 68.6442, 60.7287



62.0559, 67.0915, 88.2769

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.



65.8971, 68.6442, 92.1831



67.5420, 68.6442, 60.7287



60.7662, 68.6442, 84.9026

Square

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



67.5420, 68.6442, 60.7287



60.1478, 68.6442, 68.4239



62.9992, 68.6442, 90.7602



70.6208, 68.6442, 81.4372

Rectangle

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



67.5420, 68.6442, 60.7287



62.7269, 68.6442, 61.0539



62.9992, 68.6442, 90.7602



67.8281, 68.6442, 90.3364

Sweetspot

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



67.5439, 68.6473, 60.7301



90.8256, 94.7279, 97.6987



66.1081, 61.2685, 74.1473



19.3171, 20.1209, 20.5872



0.0000, 0.0000, 0.0000



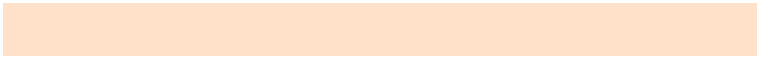
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5439, 68.6473, 60.7301



78.7517, 79.3303, 66.6979



72.9308, 79.4212, 62.5258



15.6098, 16.1425, 15.8118



21.9004, 15.4951, 1.8366



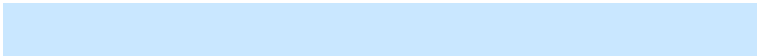
1.8140, 1.4054, 0.1757

Inverse Universe

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



62.0559, 67.0915, 88.2769



70.9701, 77.1231, 105.7535



57.1501, 57.2799, 86.6417



14.9320, 15.9505, 19.2140



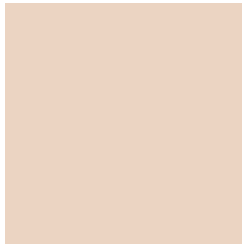
13.0523, 12.7515, 45.5163



1.1205, 1.1924, 3.6060

Previews

White Background



This preview shows how the XYZ color 67.5420, 68.6442, 60.7287 looks on a white background.

Color Contrast Check

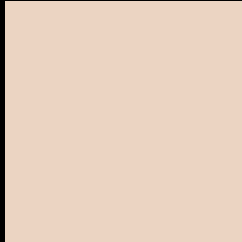
Large Text (above 18pt) WCAG AA × Fail

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 67.5420, 68.6442, 60.7287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

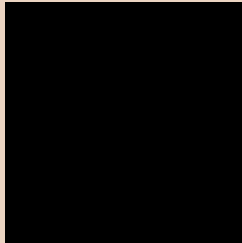
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5420, 68.6442, 60.7287

Background



This preview shows how black text looks on a background with the XYZ color 67.5420, 68.6442, 60.7287.



This preview shows how white text looks on a background with the XYZ color 67.5420, 68.6442,

60.7287.

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

67.5420, 68.6442, 60.7287

Protanopia

65.3156, 68.5940, 62.0220

Deuteranopia

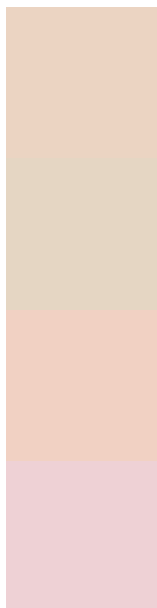
70.0624, 68.4644, 61.1520



Tritanopia

71.6070, 68.8443, 80.0352

Trichromacy



Original Color

67.5420, 68.6442, 60.7287

Protanomaly

66.2100, 68.6913, 61.3989

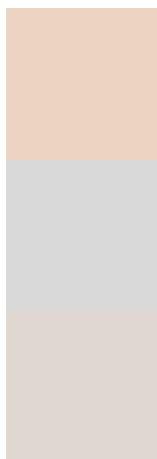
Deuteranomaly

68.9264, 68.2418, 61.1689

Tritanomaly

70.0706, 68.5822, 72.4954

Monochromacy



Original Color

67.5420, 68.6442, 60.7287

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.5495, 69.0516, 70.1424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5420, 68.6442, 60.7287 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(235, 212, 194) looks like.

```
.text, #text, p{  
    color:rgb(235, 212, 194)  
}
```

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(235, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 212, 194) }
```

Border

The CSS property to change the border of an element to XYZ 67.5420, 68.6442, 60.7287 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(235, 212, 194) }
```


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

```
.border{ border-color:rgb(235, 212, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(235, 212,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5420, 68.6442, 60.7287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 212, 194) }
```

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

```
.background{ background-color: rgb(235,  
212, 194) }
```

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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