

Converting Colors

XYZ(68.8250, 69.5920, 61.7163)

Have a look what the booklet for
XYZ(68.8250, 69.5920, 61.7163)
contains.

XYZ(68.9045, 69.7058, 61.4527)	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(68.9045, 69.7058,
61.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	EED5C3
RGB	238, 213, 195
RGB Percent	93%, 84%, 76%
CMY	0.0667, 0.1647, 0.2353
CMYK	0.00, 0.11, 0.18, 0.07
HSL	25°, 56%, 85%
HSV	25°, 18%, 93%
XYZ	68.9045, 69.7058, 61.4527
YIQ	218.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

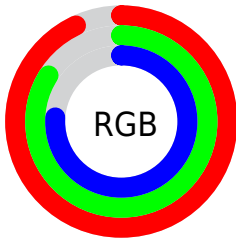
Format	Color
R_{YB}	238, 226, 195
Decimal	15652291
CIE _{Lab}	86.85, 5.84, 12.05
CIE _{LCh}	87, 13.389, 64.158
Yxy	69.7058, 0.3444, 0.3484
Android (android.graphics.Color)	4293842371 (0xFFEED5C3)
YUV	218.4230, -11.5475, 17.1690
Hunter-Lab	83.4900, 1.2090, 14.8027

Details

The XYZ color **68.9045, 69.7058, 61.4527** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.5311, 68.9600, 90.8516**, and the grayscale version is **67.0014, 70.4907, 76.7644**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **36.3260, 36.3219, 30.2955** is the 20% darker color. If you saturate the color by 10%, you get **63.0929, 62.0509, 47.2806**, and if you desaturate by 10%, it is **75.4457, 78.1323, 77.9857**.

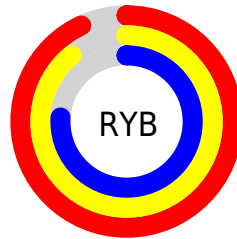
Distribution



Red (93%)

Green (84%)

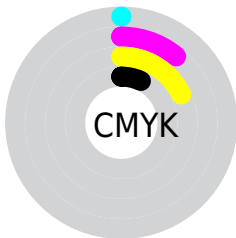
Blue (76%)



Red (93%)

Yellow (89%)

Blue (76%)

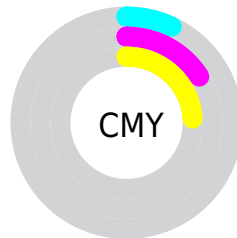


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9045, 69.7058, 61.4527 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 68.9045, 69.7058, 61.4527 by changing the saturation by 10% instead.

68.9045, 69.7058,
61.4527

68.9045, 69.7058,
61.4527

446.0207,
459.5163, 447.8843

50.9103, 51.2867,
44.1577

116.6800,
118.7891, 108.4980

36.3580, 36.4368,
30.4564

147.1920,
150.2221, 139.0855

24.8822, 24.7718,
19.9303

182.6073,
186.7619, 174.9408

16.1176, 15.9071,
12.1608

223.2912,
228.7929, 216.4825

9.6988, 9.4584,
6.7294

269.6092,
276.6994, 264.1291

5.2604, 5.0414,
3.2176

321.9265,

2.4372, 2.2716,

330.8659, 318.2993

1.2068

380.6086,
391.6768, 379.4115

■ 0.8637, 0.7586,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.9045, 69.7058,
61.4527

■ 68.9045, 69.7058,
61.4527

■ 63.0929, 62.0509,
47.2806

■ 75.4457, 78.1323,
77.9857

■ 57.9776, 55.1353,
35.3557

■ 82.7370, 87.3428,
96.9772

■ 53.5309, 48.9382,
25.5615

■ 88.9140, 96.6050,
108.5681

■ 49.7209, 43.4338,
17.7692

■ 89.0701, 96.9173,
108.6201

■ 46.5126, 38.5948,
11.8358

■ 43.8668, 34.3916,
7.5988

■ 41.7388, 30.7914,
4.8674

■ 40.0690, 27.7547,
3.3775

■ 39.7842, 27.2253,
3.1582

Harmonies

Analogous

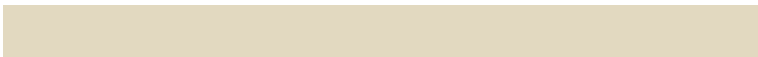
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3458, 69.7058, 66.6484



68.9045, 69.7058, 61.4527



65.8190, 69.7058, 60.0099

Triad

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



68.9045, 69.7058, 61.4527



60.4447, 69.7058, 77.1511



69.6812, 69.7058, 91.0313

Complementary

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



68.9045, 69.7058, 61.4527



63.5311, 68.9600, 90.8516

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.



66.6895, 69.7058, 94.3681



68.9045, 69.7058, 61.4527



61.4090, 69.7058, 85.9656

Square

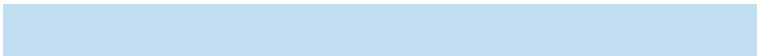
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.9045, 69.7058, 61.4527



60.9962, 69.7058, 68.6479



63.6709, 69.7058, 92.4457



71.8041, 69.7058, 83.6409

Rectangle

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



68.9045, 69.7058, 61.4527



63.8268, 69.7058, 61.2674



63.6709, 69.7058, 92.4457



68.7405, 69.7058, 92.6895

Sweetspot

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



68.9064, 69.7089, 61.4542



90.7456, 94.5679, 97.6720



67.7051, 62.3800, 76.2409



19.2977, 20.0820, 20.5807



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.



68.9064, 69.7089, 61.4542



77.7621, 77.8287, 64.8959



74.6525, 81.2011, 63.3695



16.3166, 16.8464, 16.5414



22.3166, 15.4313, 1.8023



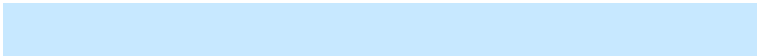
1.9527, 1.4761, 0.1820

Inverse Universe

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



63.5311, 68.9600, 90.8516



70.2956, 76.7863, 105.7240



58.2669, 58.4315, 89.0969



15.6606, 16.7552, 20.1303



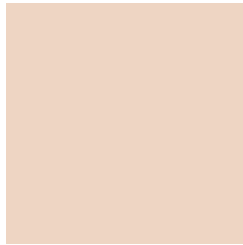
13.8389, 13.9020, 47.0818



1.2494, 1.3527, 3.9495

Previews

White Background



This preview shows how the XYZ color 68.9045, 69.7058, 61.4527 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 68.9045, 69.7058, 61.4527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

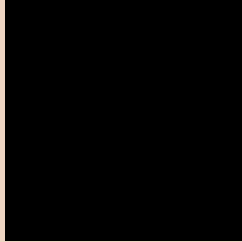
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9045, 69.7058, 61.4527

Background



This preview shows how black text looks on a background with the XYZ color 68.9045, 69.7058, 61.4527.



This preview shows how white text looks on a background with the XYZ color 68.9045, 69.7058,

61.4527.

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

68.9045, 69.7058, 61.4527

Protanopia

66.2549, 69.8257, 62.8090

Deuteranopia

71.3682, 69.8529, 61.9460



Tritanopia

73.0090, 69.9144, 80.8810

Trichromacy



Original Color

68.9045, 69.7058, 61.4527

Protanomaly

67.1528, 69.9203, 62.1812

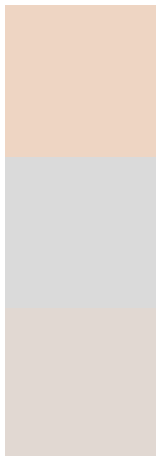
Deuteranomaly

70.5663, 69.8072, 61.9794

Tritanomaly

71.4598, 69.6490, 73.2956

Monochromacy



Original Color

68.9045, 69.7058, 61.4527

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2401, 69.7724, 70.8963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9045, 69.7058, 61.4527 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, 195) looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 68.9045, 69.7058, 61.4527 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, 195) }
```


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

```
.border{ border-color:rgb(238, 213, 195) }
```

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, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9045, 69.7058, 61.4527 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, 195) }
```

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

```
.background{ background-color: rgb(238,  
213, 195) }
```

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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