

Converting Colors

XYZ(68.0264, 69.8462, 59.9360)

Have a look what the booklet for
XYZ(68.0264, 69.8462, 59.9360)
contains.

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Color

**XYZ(67.8219, 69.5611,
59.7212)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD6C0
RGB	235, 214, 192
RGB Percent	92%, 84%, 75%
CMY	0.0784, 0.1608, 0.2471
CMYK	0.00, 0.09, 0.18, 0.08
HSL	31°, 52%, 84%
HSV	31°, 18%, 92%
XYZ	67.8219, 69.5611, 59.7212
YIQ	217.7710, 19.5780, -2.3900

Conversions

Conversions Part 2

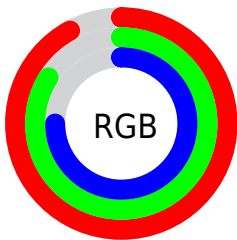
Format	Color
R _Y B	233, 235, 192
Decimal	15455936
CIE Lab	86.78, 3.78, 13.49
CIE LCh	87, 14.014, 74.358
Yxy	69.5611, 0.3441, 0.3529
Android (android.graphics.Color)	4293646016 (0xFFEBD6C0)
YUV	217.7710, -12.7051, 15.1098
Hunter-Lab	83.4033, -0.8031, 15.9275

Details

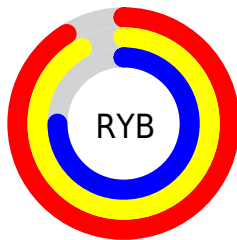
The XYZ color **67.8219, 69.5611, 59.7212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5274, 64.7914, 87.9135**, and the grayscale version is **66.5597, 70.0260, 76.2583**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **35.6487, 36.2441, 29.5430** is the 20% darker color. If you saturate the color by 10%, you get **62.6213, 62.9992, 46.1508**, and if you desaturate by 10%, it is **73.6466, 76.7047, 75.5524**.

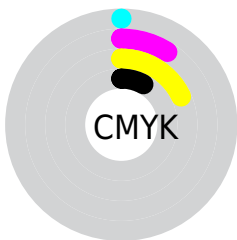
Distribution



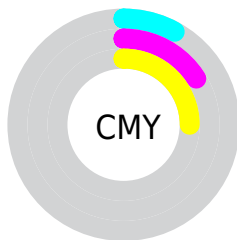
- Red (92%)
- Green (84%)
- Blue (75%)



- Red (91%)
- Yellow (92%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (8%)





- Cyan (8%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8219, 69.5611, 59.7212 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 67.8219, 69.5611, 59.7212 by changing the saturation by 10% instead.


 67.8219, 69.5611,
59.7212

 67.8219, 69.5611,
59.7212


442.2514,
459.0074, 441.3454

 50.0260, 51.1688,
42.7701


 115.1406,
118.5826, 105.9645

 35.6519, 36.3430,
29.3747


145.3942,
149.9807, 136.0939

 24.3344, 24.6992,
19.1165


180.5310,
186.4827, 171.4531

 15.7079, 15.8531,
11.5768

220.9164,
228.4732, 212.4606

 9.4072, 9.4203,
6.3372

266.9158,
276.3366, 259.5351

 5.0670, 5.0163,
2.9791

318.8945,

 2.3218, 2.2568,

330.4571, 313.0950

1.0840

377.2179,
391.2193, 373.5590

■ 0.8058, 0.7507,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.8219, 69.5611,
59.7212

■ 67.8219, 69.5611,
59.7212

■ 62.6213, 62.9992,
46.1508

■ 73.6466, 76.7047,
75.5524

■ 58.0154, 56.9934,
34.7318

■ 80.1122, 84.4361,
93.7381

■ 53.9805, 51.5297,
25.3520

■ 86.0103, 92.2807,
107.8865

■ 50.4886, 46.5898,
17.8873

■ 88.0711, 96.4022,
108.5734

■ 47.5095, 42.1542,
12.2000

■ 45.0087, 38.2014,
8.1335

■ 42.9467, 34.7076,
5.5033

■ 41.2688, 31.6425,
4.0474

■ 41.0088, 31.1577,
3.8526

Harmonies

Analogous

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



70.7039, 69.5611, 63.8594



67.8219, 69.5611, 59.7212



64.5721, 69.5611, 59.6323

Triad

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



67.8219, 69.5611, 59.7212



60.2219, 69.5611, 80.2840



70.6000, 69.5611, 89.3277

Complementary

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



67.8219, 69.5611, 59.7212



60.5274, 64.7914, 87.9135

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.



67.6838, 69.5611, 94.5153



67.8219, 69.5611, 59.7212



61.7305, 69.5611, 89.0102

Square

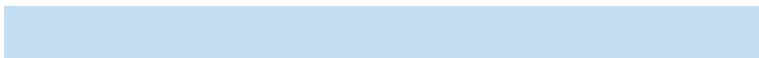
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8219, 69.5611, 59.7212



60.2561, 69.5611, 70.9979



64.4384, 69.5611, 94.3946



72.3434, 69.5611, 80.6891

Rectangle

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



67.8219, 69.5611, 59.7212



62.6377, 69.5611, 61.8538



64.4384, 69.5611, 94.3946



69.7202, 69.5611, 91.5634

Sweetspot

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



67.8238, 69.5642, 59.7227



91.1107, 95.2980, 97.7937



65.1850, 60.1918, 71.4673



19.3863, 20.2594, 20.6103



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.



67.8238, 69.5642, 59.7227



79.1731, 80.6506, 65.3662



73.4842, 80.8850, 61.6095



15.7028, 16.3287, 15.8428



22.9516, 17.5973, 2.1869



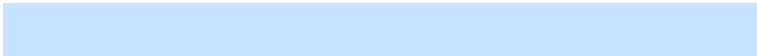
1.8985, 1.5744, 0.2038

Inverse Universe

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



60.5274, 64.7914, 87.9135



68.8523, 73.8997, 105.2429



55.5841, 54.9049, 86.2657



14.8384, 15.7632, 19.1828



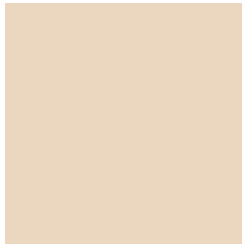
11.8682, 10.3834, 45.1216



1.0280, 1.0074, 3.5751

Previews

White Background



This preview shows how the XYZ color 67.8219, 69.5611, 59.7212 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 67.8219, 69.5611, 59.7212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

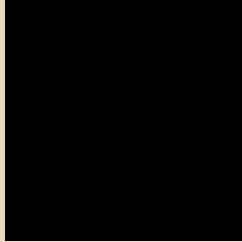
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.8219, 69.5611, 59.7212

Background



This preview shows how black text looks on a background with the XYZ color 67.8219, 69.5611, 59.7212.



This preview shows how white text looks on a background with the XYZ color 67.8219, 69.5611,

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

67.8219, 69.5611, 59.7212

Protanopia

66.1170, 69.8069, 60.4414

Deuteranopia

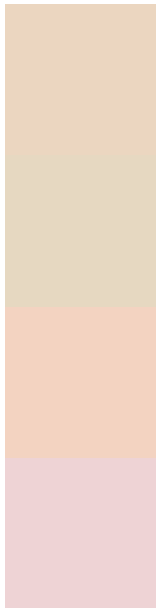
70.7839, 69.2253, 60.0832



Tritanopia

71.9877, 69.3879, 80.8332

Trichromacy



Original Color

67.8219, 69.5611, 59.7212

Protanomaly

66.8146, 69.7850, 60.4004

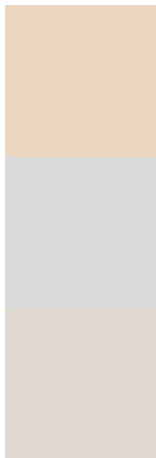
Deuteranomaly

69.8821, 69.4935, 60.1825

Tritanomaly

70.5644, 69.5698, 72.6600

Monochromacy



Original Color

67.8219, 69.5611, 59.7212

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.0619, 70.0765, 70.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8219, 69.5611, 59.7212 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, 214, 192) looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 192)  
}
```

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, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 192) }
```

Border

The CSS property to change the border of an element to XYZ 67.8219, 69.5611, 59.7212 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, 214, 192) }
```


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

```
.border{ border-color:rgb(235, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8219, 69.5611, 59.7212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 192) }
```

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

```
.background{ background-color: rgb(235,  
214, 192) }
```

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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