

Converting Colors

XYZ(66.5277, 67.6797, 69.7451)

Have a look what the booklet for
XYZ(66.5277, 67.6797, 69.7451)
contains.

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Color

**XYZ(66.4814, 67.5229,
69.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D3D1
RGB	227, 211, 209
RGB Percent	89%, 83%, 82%
CMY	0.1098, 0.1725, 0.1804
CMYK	0.00, 0.07, 0.08, 0.11
HSL	7°, 24%, 85%
HSV	7°, 8%, 89%
XYZ	66.4814, 67.5229, 69.8509
YIQ	215.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

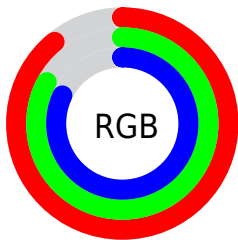
Format	Color
R _Y B	227, 211, 209
Decimal	14930897
CIE Lab	85.77, 5.19, 2.97
CIE LCh	86, 5.975, 29.800
Yxy	67.5229, 0.3261, 0.3312
Android (android.graphics.Color)	4293120977 (0xFFE3D3D1)
YUV	215.5560, -3.2321, 10.0364
Hunter-Lab	82.1723, 0.6136, 7.1209

Details

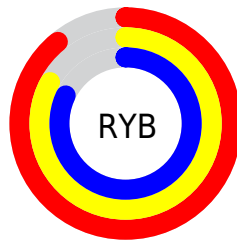
The XYZ color **66.4814, 67.5229, 69.8509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0845, 72.9503, 83.2187**, and the grayscale version is **64.9863, 68.3707, 74.4556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9866, 35.2512, 35.9705** is the 20% darker color. If you saturate the color by 10%, you get **59.1682, 57.0778, 54.5212**, and if you desaturate by 10%, it is **74.8278, 79.3919, 87.5022**.

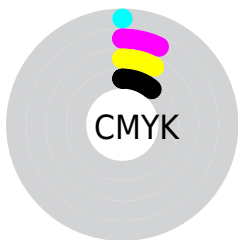
Distribution



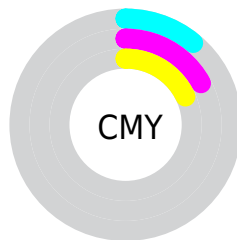
- Red (89%)
- Green (83%)
- Blue (82%)



- Red (89%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4814, 67.5229, 69.8509 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 66.4814, 67.5229, 69.8509 by changing the saturation by 10% instead.

66.4814, 67.5229,
69.8509

66.4814, 67.5229,
69.8509

437.5581,
451.8038, 478.8013

48.9324, 49.5097,
50.9289

113.2309,
115.6694, 120.6752

34.7802, 35.0240,
35.7757

143.1622,
146.5714, 153.4147

23.6593, 23.6813,
23.9727

177.9515,
182.5385, 191.5970

15.2045, 15.0974,
15.1014

217.9644,
223.9550, 235.6408

9.0503, 8.8878,
8.7431

263.5662,
271.2055, 285.9646

4.8314, 4.6681,
4.4795

315.1221,

2.1824, 2.0538,

324.6741, 342.9869

1.8919

372.9977,
384.7454, 407.1263

■ 0.7334, 0.6385,
0.4876

■ 0.0000, 0.0000,
0.0000

■ 66.4814, 67.5229,
69.8509

■ 66.4814, 67.5229,
69.8509

■ 59.1682, 57.0778,
54.5212

■ 74.8278, 79.3919,
87.5022

■ 52.8425, 47.9946,
41.4123

■ 84.2395, 92.7264,
107.5616

■ 47.4635, 40.2198,
30.4224

■ 85.4888, 95.0710,
108.4525

■ 42.9854, 33.6930,
21.4401

■ 39.3585, 28.3490,
14.3438

■ 36.5284, 24.1166,
8.9985

■ 34.4342, 20.9171,
5.2516

■ 33.0059, 18.6612,
2.9238

■ 32.1551, 17.2424,
1.7683

Harmonies

Analogous

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



66.8371, 67.5229, 73.5472



66.4814, 67.5229, 69.8509



65.5068, 67.5229, 67.2184

Triad

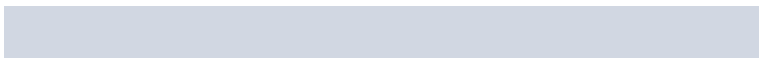
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4814, 67.5229, 69.8509



61.9383, 67.5229, 69.8070



64.1693, 67.5229, 81.2909

Complementary

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



66.4814, 67.5229, 69.8509



67.0845, 72.9503, 83.2187

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.



62.8682, 67.5229, 80.2057



66.4814, 67.5229, 69.8509



61.5914, 67.5229, 73.4947

Square

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



66.4814, 67.5229, 69.8509



62.8839, 67.5229, 67.1937



61.9294, 67.5229, 77.3174



65.4907, 67.5229, 80.2335

Rectangle

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



66.4814, 67.5229, 69.8509



64.6441, 67.5229, 66.3734



61.9294, 67.5229, 77.3174



63.7152, 67.5229, 81.1640

Sweetspot

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



66.4833, 67.5259, 69.8523



92.8108, 96.8182, 104.1564



68.0977, 67.3799, 80.7944



19.8888, 20.7564, 22.3434



0.0000, 0.0000, 0.0000



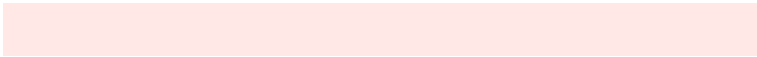
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4833, 67.5259, 69.8523



84.4050, 84.8495, 86.4243



68.7287, 72.0166, 70.6008



14.5055, 14.6250, 14.9628



18.7230, 10.0201, 0.9473



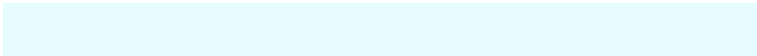
1.4269, 0.8271, 0.0844

Inverse Universe

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



67.0845, 72.9503, 83.2187



85.3838, 93.6823, 108.1900



64.7676, 68.3166, 82.4465



14.6632, 16.0478, 18.4690



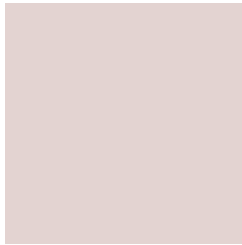
20.4201, 27.9023, 46.6926



1.5482, 2.1404, 3.4635

Previews

White Background



This preview shows how the XYZ color 66.4814, 67.5229, 69.8509 looks on a white background.

Color Contrast Check

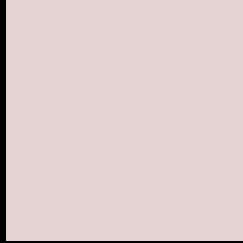
Large Text (above 18pt) WCAG AA × Fail

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 66.4814, 67.5229, 69.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

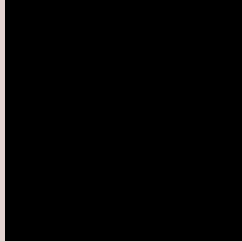
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

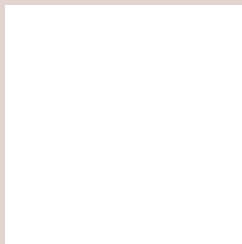
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4814, 67.5229, 69.8509

Background



This preview shows how black text looks on a background with the XYZ color 66.4814, 67.5229, 69.8509.



This preview shows how white text looks on a background with the XYZ color 66.4814, 67.5229,

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

66.4814, 67.5229, 69.8509

Protanopia

64.6405, 67.3017, 70.5564

Deuteranopia

68.8707, 67.2833, 70.3299



Tritanopia

68.7042, 67.6952, 80.6795

Trichromacy



Original Color

66.4814, 67.5229, 69.8509

Protanomaly

65.3005, 67.2697, 70.5154

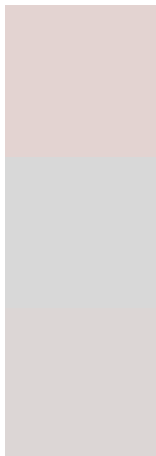
Deuteranomaly

67.7930, 67.0885, 70.3491

Tritanomaly

67.8277, 67.7016, 76.5107

Monochromacy



Original Color

66.4814, 67.5229, 69.8509

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5720, 68.1129, 72.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4814, 67.5229, 69.8509 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(227, 211, 209) looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 209)  
}
```

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(227, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 209) }
```

Border

The CSS property to change the border of an element to XYZ 66.4814, 67.5229, 69.8509 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(227, 211, 209) }
```


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

```
.border{ border-color:rgb(227, 211, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4814, 67.5229, 69.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 209) }
```

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

```
.background{ background-color: rgb(227,  
211, 209) }
```

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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