

Converting Colors

XYZ(66.7808, 69.0643, 67.0884)

Have a look what the booklet for
XYZ(66.7808, 69.0643, 67.0884)
contains.

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Color

**XYZ(66.8781, 69.2914,
66.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D7CC
RGB	227, 215, 204
RGB Percent	89%, 84%, 80%
CMY	0.1098, 0.1568, 0.2000
CMYK	0.00, 0.05, 0.10, 0.11
HSL	29°, 29%, 85%
HSV	29°, 10%, 89%
XYZ	66.8781, 69.2914, 66.9765
YIQ	217.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

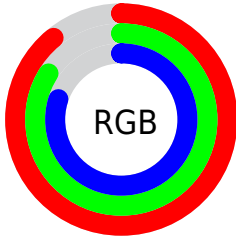
Format	Color
R _Y B	227, 225, 204
Decimal	14931916
CIE Lab	86.65, 2.27, 6.89
CIE LCh	87, 7.252, 71.762
Yxy	69.2914, 0.3292, 0.3411
Android (android.graphics.Color)	4293121996 (0xFFE3D7CC)
YUV	217.3340, -6.5737, 8.4771
Hunter-Lab	83.2415, -2.2615, 10.5640

Details

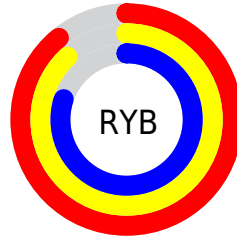
The XYZ color **66.8781, 69.2914, 66.9765** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3227, 67.4940, 82.3640**, and the grayscale version is **66.2226, 69.6713, 75.8721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0891, 36.1143, 33.9755** is the 20% darker color. If you saturate the color by 10%, you get **61.4455, 62.4700, 52.6978**, and if you desaturate by 10%, it is **72.9296, 76.7141, 83.4209**.

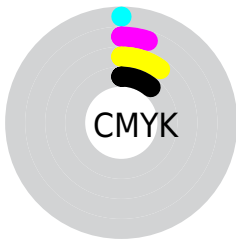
Distribution



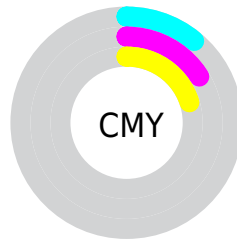
- Red (89%)
- Green (84%)
- Blue (80%)



- Red (89%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8781, 69.2914, 66.9765 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 66.8781, 69.2914, 66.9765 by changing the saturation by 10% instead.

66.8781, 69.2914,
66.9765

66.8781, 69.2914,
66.9765

438.9500,
458.0581, 468.3603

49.2559, 50.9491,
48.6041

113.7965,
118.1977, 116.5271

35.0379, 36.1681,
33.9421

143.8234,
149.5304, 148.5423

23.8587, 24.5640,
22.5721

178.7159,
185.9621, 185.9421

15.3530, 15.7525,
14.0756

218.8394,
227.8771, 229.1452

9.1554, 9.3492,
8.0339

264.5592,
275.6598, 278.5700

4.9006, 4.9697,
4.0286

316.2406,

2.2232, 2.2295,

329.6946, 334.6351

1.6410

374.2491,
390.3659, 397.7590

■ 0.7549, 0.7360,
0.3198

■ 0.0000, 0.0000,
0.0000

■ 66.8781, 69.2914,
66.9765

■ 66.8781, 69.2914,
66.9765

■ 61.4455, 62.4700,
52.6978

■ 72.9296, 76.7141,
83.4209

■ 56.6044, 56.2246,
40.4889

■ 79.6147, 84.7441,
102.1126

■ 52.3337, 50.5416,
30.2530

■ 84.0775, 92.2484,
107.9821

■ 48.6085, 45.4031,
21.8840

■ 85.4889, 95.0711,
108.4525

■ 45.4020, 40.7904,
15.2654

■ 42.6847, 36.6830,
10.2678

■ 40.4233, 33.0588,
6.7433

■ 38.5790, 29.8932,
4.5161

■ 37.1056, 27.1845,
3.2915

Harmonies

Analogous

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



68.3046, 69.2914, 69.4366



66.8781, 69.2914, 66.9765



65.2015, 69.2914, 66.7263

Triad

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



66.8781, 69.2914, 66.9765



62.7397, 69.2914, 77.3529



68.0399, 69.2914, 82.5781

Complementary

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



66.8781, 69.2914, 66.9765



63.3227, 67.4940, 82.3640

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.



66.5217, 69.2914, 84.8952



66.8781, 69.2914, 66.9765



63.4733, 69.2914, 81.7937

Square

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



66.8781, 69.2914, 66.9765



62.8314, 69.2914, 72.5810



64.8511, 69.2914, 84.6022



68.9832, 69.2914, 78.3865

Rectangle

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



66.8781, 69.2914, 66.9765



64.1694, 69.2914, 67.8327



64.8511, 69.2914, 84.6022



67.5788, 69.2914, 83.6099

Sweetspot

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



66.8800, 69.2944, 66.9780



92.5829, 96.9977, 102.1219



65.7015, 64.4893, 74.1324



19.6781, 20.5924, 21.4801



0.0000, 0.0000, 0.0000



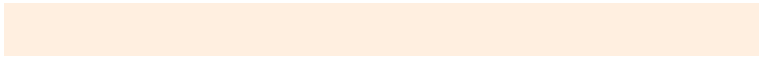
20.3446, 21.4041, 23.3091

Same Dimension

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



66.8800, 69.2944, 66.9780



85.6272, 88.4201, 83.3595



69.8383, 75.2111, 67.9641



14.9430, 15.4999, 15.1087



21.7552, 16.0846, 1.9580



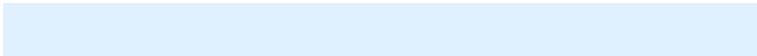
1.7002, 1.3737, 0.1755

Inverse Universe

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



63.3227, 67.4940, 82.3640



80.1807, 85.6635, 106.9165



60.5435, 61.9356, 81.4376



14.2017, 15.1247, 18.3152



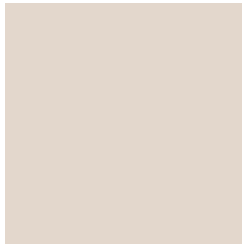
12.0092, 11.0805, 43.8890



0.9804, 1.0046, 3.2742

Previews

White Background



This preview shows how the XYZ color 66.8781, 69.2914, 66.9765 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 66.8781, 69.2914, 66.9765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

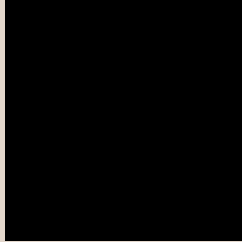
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8781, 69.2914, 66.9765

Background



This preview shows how black text looks on a background with the XYZ color 66.8781, 69.2914, 66.9765.



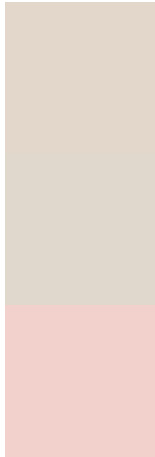
This preview shows how white text looks on a background with the XYZ color 66.8781, 69.2914,

66.9765.

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

66.8781, 69.2914, 66.9765

Protanopia

66.3158, 69.3668, 67.6515

Deuteranopia

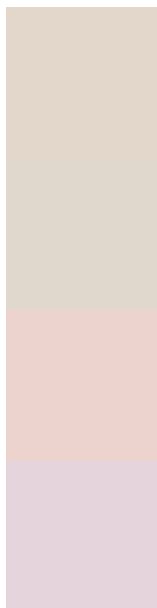
70.4379, 68.8860, 67.3415



Tritanopia

69.9310, 69.0130, 83.0339

Trichromacy



Original Color

66.8781, 69.2914, 66.9765

Protanomaly

66.6266, 69.5271, 67.6661

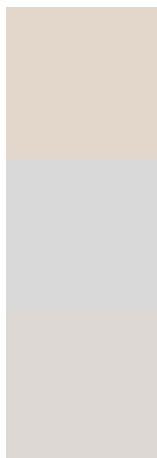
Deuteranomaly

69.2388, 69.0008, 67.4268

Tritanomaly

68.6428, 68.8595, 76.6912

Monochromacy



Original Color

66.8781, 69.2914, 66.9765

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2583, 69.2374, 72.1593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8781, 69.2914, 66.9765 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, 215, 204) looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 204)  
}
```

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, 215, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 204) }
```

Border

The CSS property to change the border of an element to XYZ 66.8781, 69.2914, 66.9765 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, 215, 204) }
```


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

```
.border{ border-color:rgb(227, 215, 204) }
```

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

Here you see how a box with a 4 pixel rgb(227, 215, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 215, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 215, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 215,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8781, 69.2914, 66.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 204) }
```

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

```
.background{ background-color: rgb(227,  
215, 204) }
```

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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