

Converting Colors

XYZ(66.6924, 67.8779, 64.9118)

Have a look what the booklet for
XYZ(66.6924, 67.8779, 64.9118)
contains.

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Color

**XYZ(66.4700, 67.6286,
64.8086)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D3C9
RGB	230, 211, 201
RGB Percent	90%, 83%, 79%
CMY	0.0980, 0.1725, 0.2118
CMYK	0.00, 0.08, 0.13, 0.10
HSL	21°, 37%, 85%
HSV	21°, 13%, 90%
XYZ	66.4700, 67.6286, 64.8086
YIQ	215.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

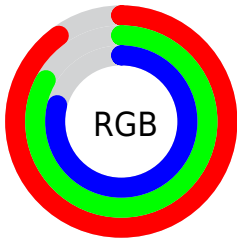
Format	Color
R _Y B	230, 216, 201
Decimal	15127497
CIE Lab	85.82, 4.93, 7.32
CIE LCh	86, 8.822, 56.019
Yxy	67.6286, 0.3342, 0.3400
Android (android.graphics.Color)	4293317577 (0xFFE6D3C9)
YUV	215.5410, -7.1687, 12.6805
Hunter-Lab	82.2366, 0.3635, 10.8407

Details

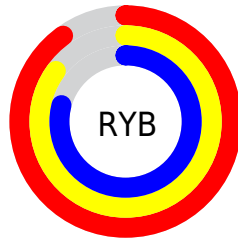
The XYZ color **66.4700, 67.6286, 64.8086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9632, 69.3156, 84.8715**, and the grayscale version is **64.9999, 68.3850, 74.4712**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7790, 35.2192, 32.5687** is the 20% darker color. If you saturate the color by 10%, you get **60.3958, 59.4904, 50.4198**, and if you desaturate by 10%, it is **73.3039, 76.6365, 81.4509**.

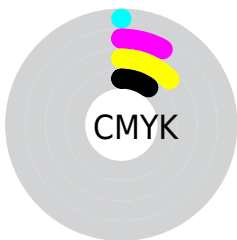
Distribution



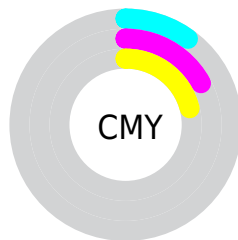
- Red (90%)
- Green (83%)
- Blue (79%)



- Red (90%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4700, 67.6286, 64.8086 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 66.4700, 67.6286, 64.8086 by changing the saturation by 10% instead.

66.4700, 67.6286,
64.8086

66.4700, 67.6286,
64.8086

437.5181,
452.1790, 460.3912

48.9231, 49.5956,
46.8555

113.2146,
115.8207, 113.3853

34.7728, 35.0922,
32.5679

143.1431,
146.7486, 144.8460

23.6536, 23.7339,
21.5273

177.9296,
182.7436, 181.6463

15.2002, 15.1364,
13.3150

217.9393,
224.1901, 224.2048

9.0472, 8.9151,
7.5125

263.5376,
271.4725, 272.9400

4.8294, 4.6859,
3.7014

315.0900,

2.1812, 2.0642,

324.9752, 328.2704

1.4630

372.9617,
385.0826, 390.6147

■ 0.7328, 0.6444,
0.1901

■ 0.0000, 0.0000,
0.0000

■ 66.4700, 67.6286,
64.8086

■ 66.4700, 67.6286,
64.8086

■ 60.3958, 59.4904,
50.4198

■ 73.3039, 76.6365,
81.4509

■ 55.0483, 52.1865,
38.1826

■ 80.9179, 86.5302,
100.4342

■ 50.3999, 45.6922,
27.9934

■ 86.4434, 95.5631,
108.4972

■ 46.4191, 39.9780,
19.7383

■ 43.0720, 35.0128,
13.2923

■ 40.3210, 30.7628,
8.5154

■ 38.1239, 27.1913,
5.2467

■ 36.4315, 24.2574,
3.2923

■ 35.4544, 22.4651,
2.4675

Harmonies

Analogous

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



67.8258, 67.6286, 68.8727



66.4700, 67.6286, 64.8086



64.5485, 67.6286, 63.1071

Triad

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



66.4700, 67.6286, 64.8086



60.4889, 67.6286, 72.8679



65.9944, 67.6286, 84.0700

Complementary

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



66.4700, 67.6286, 64.8086



63.9632, 69.3156, 84.8715

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.



64.0102, 67.6286, 85.2755



66.4700, 67.6286, 64.8086



60.8580, 67.6286, 78.6141

Square

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



66.4700, 67.6286, 64.8086



61.1179, 67.6286, 67.6037



62.1366, 67.6286, 83.2307



67.5472, 67.6286, 80.0170

Rectangle

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



66.4700, 67.6286, 64.8086



63.2152, 67.6286, 63.4725



62.1366, 67.6286, 83.2307



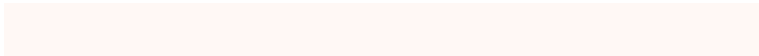
65.3546, 67.6286, 84.8304

Sweetspot

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



66.4719, 67.6316, 64.8100



91.3564, 95.1714, 99.7811



66.4830, 63.7822, 76.7497



19.4092, 20.1806, 21.0016



0.0000, 0.0000, 0.0000



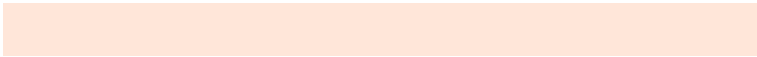
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4719, 67.6316, 64.8100



82.0135, 82.8200, 77.1386



70.1467, 74.9813, 66.0350



14.7815, 15.1769, 15.0548



20.1748, 12.9238, 1.4312



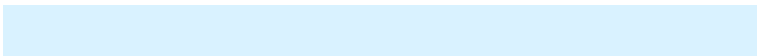
1.5750, 1.1234, 0.1338

Inverse Universe

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



63.9632, 69.3156, 84.8715



78.2850, 85.3214, 106.9504



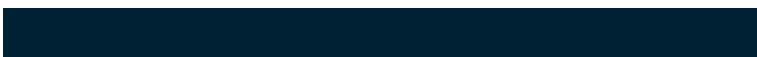
60.4024, 62.1940, 83.6846



14.3670, 15.4553, 18.3703



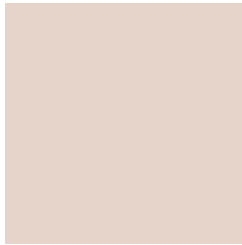
14.4383, 15.9387, 44.6987



1.1527, 1.3494, 3.3317

Previews

White Background



This preview shows how the XYZ color 66.4700, 67.6286, 64.8086 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 66.4700, 67.6286, 64.8086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

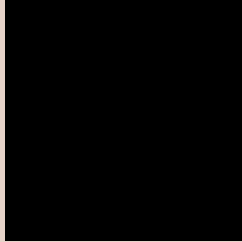
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4700, 67.6286, 64.8086

Background



This preview shows how black text looks on a background with the XYZ color 66.4700, 67.6286, 64.8086.

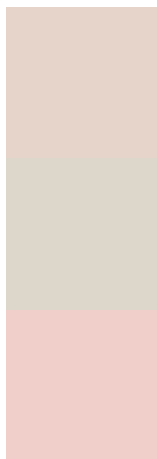


This preview shows how white text looks on a background with the XYZ color 66.4700, 67.6286,

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

66.4700, 67.6286, 64.8086

Protanopia

64.6449, 67.7771, 66.1750

Deuteranopia

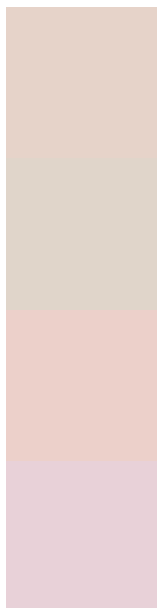
68.9087, 67.4152, 65.2577



Tritanopia

69.6147, 67.8172, 79.9419

Trichromacy



Original Color

66.4700, 67.6286, 64.8086

Protanomaly

65.1954, 67.7001, 65.5084

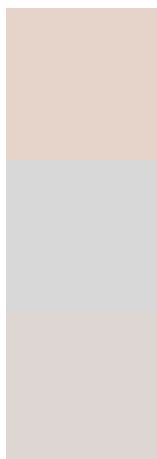
Deuteranomaly

67.8086, 67.2089, 65.2758

Tritanomaly

68.4738, 67.7146, 74.4270

Monochromacy



Original Color

66.4700, 67.6286, 64.8086

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.6232, 68.1684, 71.3271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4700, 67.6286, 64.8086 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(230, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(230, 211, 201)  
}
```

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(230, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 211, 201) }
```

Border

The CSS property to change the border of an element to XYZ 66.4700, 67.6286, 64.8086 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(230, 211, 201) }
```


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

```
.border{ border-color:rgb(230, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(230, 211,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4700, 67.6286, 64.8086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 211, 201) }
```

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

```
.background{ background-color: rgb(230,  
211, 201) }
```

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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