

Converting Colors

XYZ(64.7231, 66.9905, 65.2244)

Have a look what the booklet for
XYZ(64.7231, 66.9905, 65.2244)
contains.

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Color

**XYZ(64.9446, 67.1985,
65.4248)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D4CA
RGB	224, 212, 202
RGB Percent	88%, 83%, 79%
CMY	0.1216, 0.1686, 0.2078
CMYK	0.00, 0.05, 0.10, 0.12
HSL	27°, 26%, 84%
HSV	27°, 10%, 88%
XYZ	64.9446, 67.1985, 65.4248
YIQ	214.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

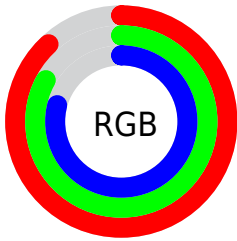
Format	Color
RYB	224, 220, 202
Decimal	14734538
CIELab	85.60, 2.44, 6.41
CIELCh	86, 6.861, 69.147
Yxy	67.1985, 0.3287, 0.3401
Android (android.graphics.Color)	4292924618 (0xFFE0D4CA)
YUV	214.4480, -6.1369, 8.3771
Hunter-Lab	81.9747, -2.0388, 10.0624

Details

The XYZ color **64.9446, 67.1985, 65.4248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8581, 66.0303, 80.0065**, and the grayscale version is **64.2551, 67.6013, 73.6178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7645, 34.6871, 32.9327** is the 20% darker color. If you saturate the color by 10%, you get **59.5444, 60.3385, 51.4756**, and if you desaturate by 10%, it is **70.9645, 74.6804, 81.4815**.

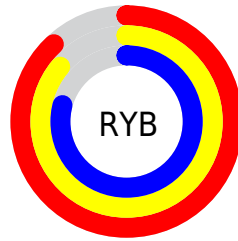
Distribution



Red (88%)

Green (83%)

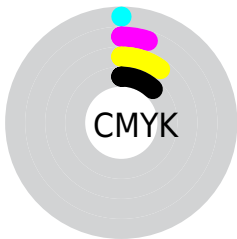
Blue (79%)



Red (88%)

Yellow (86%)

Blue (79%)

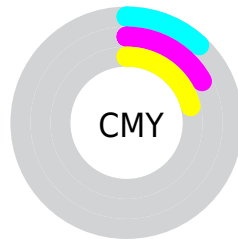


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9446, 67.1985, 65.4248 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 64.9446, 67.1985, 65.4248 by changing the saturation by 10% instead.

64.9446, 67.1985,
65.4248

64.9446, 67.1985,
65.4248

432.1412,
450.6510, 462.6649

47.6807, 49.2460,
47.3521

111.0364,
115.2048, 114.2795

33.7843, 34.8146,
32.9577

140.5949,
146.0273, 145.8985

22.8900, 23.5201,
21.8232

174.9824,
181.9087, 182.8701

14.6326, 14.9780,
13.5300

214.5642,
223.2332, 225.6128

8.6466, 8.8040,
7.6595

259.7056,
270.3853, 274.5450

4.5666, 4.6135,
3.7932

310.7720,

2.0274, 2.0223,

323.7494, 330.0854

1.5126

368.1288,
383.7098, 392.6525

■ 0.6493, 0.6204,
0.2273

■ 0.0000, 0.0000,
0.0000

■ 64.9446, 67.1985,
65.4248

■ 64.9446, 67.1985,
65.4248

■ 59.5444, 60.3385,
51.4756

■ 70.9645, 74.6804,
81.4815

■ 54.7368, 54.0747,
39.5410

■ 77.6191, 82.7915,
99.7248

■ 50.5007, 48.3926,
29.5274

■ 82.5576, 90.6012,
107.7443

■ 46.8115, 43.2736,
21.3320

■ 84.5508, 94.5874,
108.4086

■ 43.6424, 38.6980,
14.8424

■ 40.9643, 34.6445,
9.9332

■ 38.7441, 31.0901,
6.4619

■ 36.9438, 28.0093,
4.2594

■ 35.5021, 25.3666,
3.0366

Harmonies

Analogous

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



66.2264, 67.1985, 67.8737



64.9446, 67.1985, 65.4248



63.3942, 67.1985, 65.0046

Triad

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



64.9446, 67.1985, 65.4248



60.9523, 67.1985, 74.5429



65.7839, 67.1985, 80.0390

Complementary

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



64.9446, 67.1985, 65.4248



61.8581, 66.0303, 80.0065

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.



64.3485, 67.1985, 81.9872



64.9446, 67.1985, 65.4248



61.5705, 67.1985, 78.7301

Square

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



64.9446, 67.1985, 65.4248



61.1060, 67.1985, 70.1502



62.8076, 67.1985, 81.4987



66.7164, 67.1985, 76.2706

Rectangle

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



64.9446, 67.1985, 65.4248



62.4193, 67.1985, 65.9138



62.8076, 67.1985, 81.4987



65.3433, 67.1985, 80.9353

Sweetspot

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



64.9465, 67.2015, 65.4262



92.5263, 96.8844, 102.1030



64.0122, 62.9495, 72.4628



19.6629, 20.5618, 21.4750



0.0000, 0.0000, 0.0000



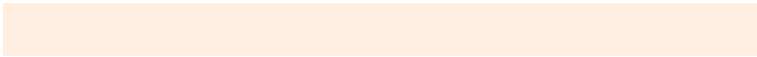
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9465, 67.2015, 65.4262



85.4151, 87.9961, 83.2888



67.7628, 72.8342, 66.3650



14.2181, 14.7221, 14.3991



20.7626, 14.9631, 1.7939



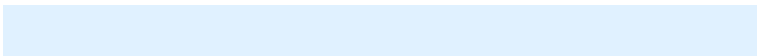
1.5278, 1.2144, 0.1539

Inverse Universe

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



61.8581, 66.0303, 80.0065



80.3951, 86.0923, 106.9879



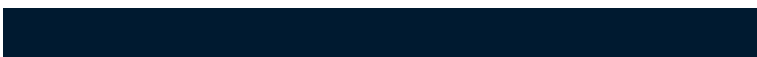
59.1922, 60.6985, 79.1179



13.5683, 14.4757, 17.4666



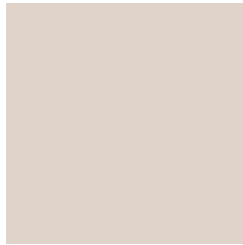
12.0089, 11.4874, 42.6327



0.9216, 0.9746, 2.9848

Previews

White Background



This preview shows how the XYZ color 64.9446, 67.1985, 65.4248 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 64.9446, 67.1985, 65.4248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

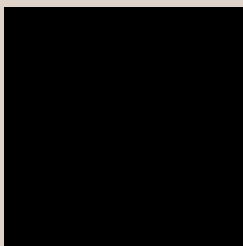
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

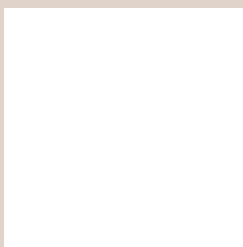
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9446, 67.1985, 65.4248

Background



This preview shows how black text looks on a background with the XYZ color 64.9446, 67.1985, 65.4248.

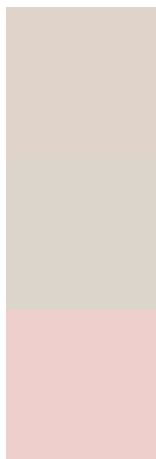


This preview shows how white text looks on a background with the XYZ color 64.9446, 67.1985,

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

64.9446, 67.1985, 65.4248

Protanopia

64.0889, 67.1159, 66.0767

Deuteranopia

68.6889, 67.2882, 65.8675



Tritanopia

68.0696, 67.3681, 80.6498

Trichromacy



Original Color

64.9446, 67.1985, 65.4248

Protanomaly

64.3925, 67.2724, 66.0909

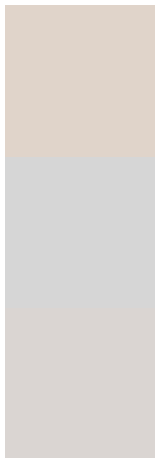
Deuteranomaly

67.5116, 67.4052, 65.9522

Tritanomaly

66.9350, 67.2717, 75.1025

Monochromacy



Original Color

64.9446, 67.1985, 65.4248

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.3406, 67.1471, 70.5423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9446, 67.1985, 65.4248 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(224, 212, 202) looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 202)  
}
```

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(224, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 202) }
```

Border

The CSS property to change the border of an element to XYZ 64.9446, 67.1985, 65.4248 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(224, 212, 202) }
```


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

```
.border{ border-color:rgb(224, 212, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 212, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9446, 67.1985, 65.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 202) }
```

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

```
.background{ background-color: rgb(224,  
212, 202) }
```

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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