

Converting Colors

XYZ(64.4556, 65.2563, 67.5894)

Have a look what the booklet for
XYZ(64.4556, 65.2563, 67.5894)
contains.

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Color

**XYZ(64.4369, 65.4153,
67.6227)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D0CE
RGB	224, 208, 206
RGB Percent	88%, 82%, 81%
CMY	0.1216, 0.1843, 0.1922
CMYK	0.00, 0.07, 0.08, 0.12
HSL	7°, 23%, 84%
HSV	7°, 8%, 88%
XYZ	64.4369, 65.4153, 67.6227
YIQ	212.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

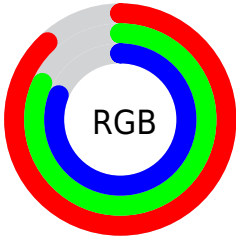
Format	Color
RYB	224, 208, 206
Decimal	14733518
CIELab	84.70, 5.20, 2.98
CIElCh	85, 5.993, 29.804
Yxy	65.4153, 0.3263, 0.3313
Android (android.graphics.Color)	4292923598 (0xFFE0D0CE)
YUV	212.5560, -3.2321, 10.0364
Hunter-Lab	80.8797, 0.6715, 7.0441

Details

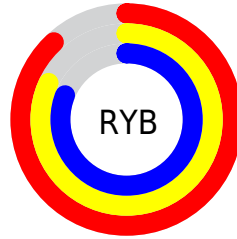
The XYZ color **64.4369, 65.4153, 67.6227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0291, 70.7448, 80.7494**, and the grayscale version is **62.9671, 66.2463, 72.1422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5853, 33.8132, 34.4622** is the 20% darker color. If you saturate the color by 10%, you get **57.3552, 55.3004, 52.7797**, and if you desaturate by 10%, it is **72.5193, 76.9094, 84.7142**.

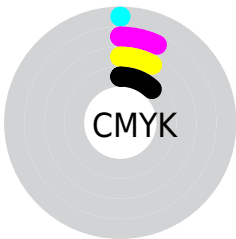
Distribution



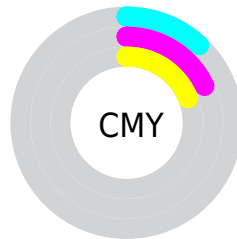
- Red (88%)
- Green (82%)
- Blue (81%)



- Red (88%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4369, 65.4153, 67.6227 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 64.4369, 65.4153, 67.6227 by changing the saturation by 10% instead.

64.4369, 65.4153,
67.6227

64.4369, 65.4153,
67.6227

430.3429,
444.2829, 470.7198

47.2676, 47.7979,
49.1261

110.3101,
112.6467, 117.4613

33.4561, 33.6669,
34.3532

139.7448,
143.0295, 149.6404

22.6370, 22.6378,
22.8855

173.9986,
178.4363, 187.2174

14.4449, 14.3263,
14.3045

213.4370,
219.2514, 230.6108

8.5145, 8.3480,
8.1916

258.4253,
265.8592, 280.2392

4.4805, 4.3184,
4.1283

309.3288,

1.9774, 1.8532,

318.6441, 336.5212

1.6960

366.5129,
377.9905, 399.8752

■ 0.6212, 0.5200,
0.3580

■ 0.0000, 0.0000,
0.0000

■ 64.4369, 65.4153,
67.6227

■ 64.4369, 65.4153,
67.6227

■ 57.3552, 55.3004,
52.7797

■ 72.5193, 76.9094,
84.7142

■ 51.2299, 46.5045,
40.0875

■ 81.6334, 89.8227,
104.1379

■ 46.0215, 38.9758,
29.4475

■ 84.5508, 94.5874,
108.4086

■ 41.6855, 32.6557,
20.7517

■ 38.1740, 27.4812,
13.8823

■ 35.4341, 23.3834,
8.7087

■ 33.4068, 20.2858,
5.0828

■ 32.0245, 18.1020,
2.8310

■ 31.2006, 16.7285,
1.7108

Harmonies

Analogous

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



64.7864, 65.4153, 71.2514



64.4369, 65.4153, 67.6227



63.4796, 65.4153, 65.0395

Triad

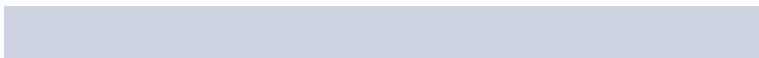
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.4369, 65.4153, 67.6227



59.9758, 65.4153, 67.5805



62.1665, 65.4153, 78.8593

Complementary

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



64.4369, 65.4153, 67.6227



65.0291, 70.7448, 80.7494

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.



60.8889, 65.4153, 77.7931



64.4369, 65.4153, 67.6227



59.6353, 65.4153, 71.2009

Square

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



64.4369, 65.4153, 67.6227



60.9040, 65.4153, 65.0158



59.9672, 65.4153, 74.9554



63.4641, 65.4153, 77.8199

Rectangle

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



64.4369, 65.4153, 67.6227



62.6323, 65.4153, 64.2107



59.9672, 65.4153, 74.9554



61.7205, 65.4153, 78.7348

Sweetspot

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



64.4387, 65.4182, 67.6241



92.8108, 96.8182, 104.1564



66.0242, 65.2755, 78.3681



19.8888, 20.7564, 22.3434



0.0000, 0.0000, 0.0000



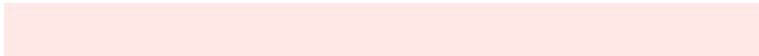
20.3446, 21.4041, 23.3091

Same Dimension

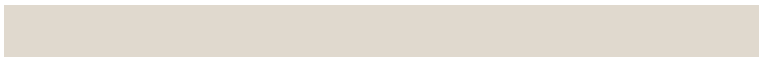
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.4387, 65.4182, 67.6241



84.4050, 84.8495, 86.4243



66.6431, 69.8270, 68.3589



13.8295, 13.9449, 14.2695



18.1362, 9.7103, 0.9184



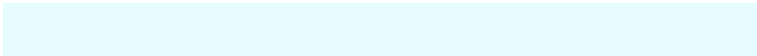
1.2988, 0.7565, 0.0776

Inverse Universe

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



65.0291, 70.7448, 80.7494



85.3838, 93.6823, 108.1900



62.7536, 66.1937, 79.9909



13.9794, 15.2980, 17.6037



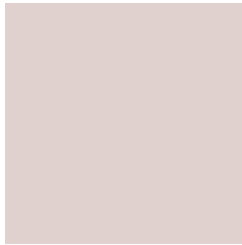
19.7805, 27.0305, 45.2232



1.4087, 1.9489, 3.1472

Previews

White Background



This preview shows how the XYZ color 64.4369, 65.4153, 67.6227 looks on a white background.

Color Contrast Check

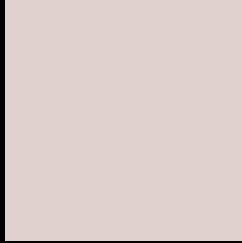
Large Text (above 18pt) WCAG AA × Fail

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 64.4369, 65.4153, 67.6227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

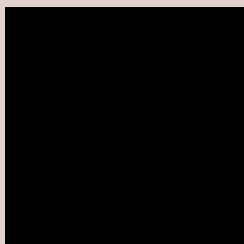
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

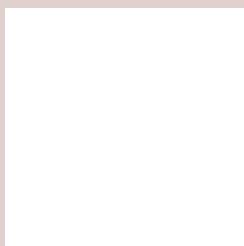
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4369, 65.4153, 67.6227

Background



This preview shows how black text looks on a background with the XYZ color 64.4369, 65.4153, 67.6227.



This preview shows how white text looks on a background with the XYZ color 64.4369, 65.4153,

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

64.4369, 65.4153, 67.6227

Protanopia

62.8757, 65.6925, 68.3975

Deuteranopia

67.0255, 65.6601, 68.1725



Tritanopia

66.6202, 65.5853, 78.2552

Trichromacy



Original Color

64.4369, 65.4153, 67.6227

Protanomaly

63.5225, 65.6582, 68.3568

Deuteranomaly

65.9669, 65.4706, 68.1917

Tritanomaly

65.7588, 65.5911, 74.1602

Monochromacy



Original Color

64.4369, 65.4153, 67.6227

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5424, 65.9934, 70.3617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4369, 65.4153, 67.6227 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, 208, 206) looks like.

```
.text, #text, p{  
    color:rgb(224, 208, 206)  
}
```

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, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 208, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.4369, 65.4153, 67.6227 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, 208, 206) }
```


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

```
.border{ border-color:rgb(224, 208, 206) }
```

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

Here you see how a box with a 4 pixel rgb(224, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 208,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4369, 65.4153, 67.6227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 208, 206) }
```

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

```
.background{ background-color: rgb(224,  
208, 206) }
```

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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