

Converting Colors

XYZ(65.4929, 65.3688, 68.0572)

Have a look what the booklet for
XYZ(65.4929, 65.3688, 68.0572)
contains.

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Color

**XYZ(65.3287, 65.1416,
68.1619)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CECF
RGB	228, 206, 207
RGB Percent	89%, 81%, 81%
CMY	0.1059, 0.1921, 0.1882
CMYK	0.00, 0.10, 0.09, 0.11
HSL	357°, 29%, 85%
HSV	357°, 10%, 89%
XYZ	65.3287, 65.1416, 68.1619
YIQ	212.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

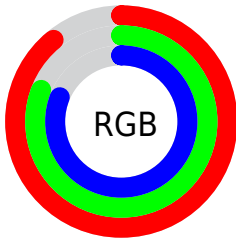
Format	Color
R _Y B	228, 206, 207
Decimal	14995151
CIE Lab	84.56, 7.82, 2.28
CIE LCh	85, 8.150, 16.274
Yxy	65.1416, 0.3289, 0.3280
Android (android.graphics.Color)	4293185231 (0xFFE4CECF)
YUV	212.6920, -2.8062, 13.4251
Hunter-Lab	80.7103, 3.2387, 6.4254

Details

The XYZ color **65.3287, 65.1416, 68.1619** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0646, 74.1563, 83.4556**, and the grayscale version is **63.0538, 66.3375, 72.2416**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9913, 33.5270, 34.8168** is the 20% darker color. If you saturate the color by 10%, you get **57.7528, 53.9586, 53.3996**, and if you desaturate by 10%, it is **74.0714, 78.0695, 85.1248**.

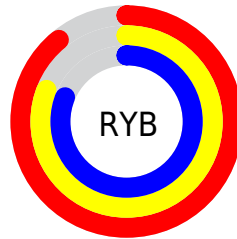
Distribution



Red (89%)

Green (81%)

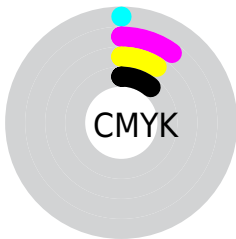
Blue (81%)



Red (89%)

Yellow (81%)

Blue (81%)

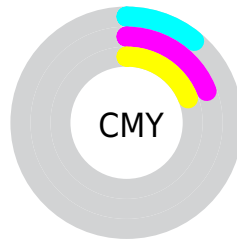


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3287, 65.1416, 68.1619 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 65.3287, 65.1416, 68.1619 by changing the saturation by 10% instead.

65.3287, 65.1416,
68.1619

65.3287, 65.1416,
68.1619

433.4988,
443.3006, 472.6830

47.9933, 47.5759,
49.5619

111.5854,
112.2534, 118.2401

34.0328, 33.4912,
34.6967

141.2374,
142.5683, 150.5555

23.0818, 22.5030,
23.1477

175.7257,
177.9018, 188.2797

14.7750, 14.2269,
14.4963

215.4157,
218.6381, 231.8314

8.7469, 8.2787,
8.3239

260.6726,
265.1618, 281.6290

4.6322, 4.2738,
4.2122

311.8618,

2.0657, 1.8279,

317.8572, 338.0911

1.7425

369.3488,
377.1087, 401.6363

■ 0.6704, 0.5044,
0.3896

■ 0.0000, 0.0000,
0.0000

■ 65.3287, 65.1416,
68.1619

■ 65.3287, 65.1416,
68.1619

■ 57.7528, 53.9586,
53.3996

■ 74.0714, 78.0695,
85.1248

■ 51.2891, 44.4376,
40.7438

■ 84.0216, 92.8034,
104.3689

■ 45.8870, 36.5020,
30.0997

■ 85.8052, 95.2341,
108.4674

■ 41.4897, 30.0656,
21.3638

■ 38.0351, 25.0342,
14.4231

■ 35.4543, 21.3030,
9.1530

■ 33.6688, 18.7522,
5.4128

■ 32.5863, 17.2403,
3.0388

■ 32.0649, 16.5360,
1.8212

Harmonies

Analogous

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



65.3704, 65.1416, 73.3282



65.3287, 65.1416, 68.1619



64.3608, 65.1416, 63.9425

Triad

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



65.3287, 65.1416, 68.1619



59.4253, 65.1416, 64.2364



61.0901, 65.1416, 81.0955

Complementary

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



65.3287, 65.1416, 68.1619



67.0646, 74.1563, 83.4556

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.



59.5322, 65.1416, 78.4048



65.3287, 65.1416, 68.1619



58.5839, 65.1416, 68.5810

Square

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



65.3287, 65.1416, 68.1619



60.9416, 65.1416, 61.7531



58.6226, 65.1416, 73.7682



62.8990, 65.1416, 80.9698

Rectangle

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



65.3287, 65.1416, 68.1619



63.3311, 65.1416, 62.1594



58.6226, 65.1416, 73.7682



60.5204, 65.1416, 80.4850

Sweetspot

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



65.3305, 65.1445, 68.1633



91.5041, 94.7543, 102.0268



67.7238, 66.0616, 82.5813



19.3879, 19.9889, 21.4544



0.0000, 0.0000, 0.0000



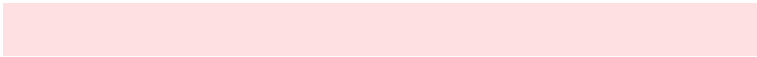
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3305, 65.1445, 68.1633



81.7013, 80.2658, 82.9841



67.6676, 70.0129, 68.3434



14.4033, 14.3785, 15.0583



18.5193, 9.5419, 1.0978



1.3779, 0.7089, 0.1305

Inverse Universe

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



65.3305, 65.1445, 68.1633



81.7013, 80.2658, 82.9841



64.5570, 68.9203, 83.3000



14.4033, 14.3785, 15.0583



18.5193, 9.5419, 1.0978



1.3779, 0.7089, 0.1305

Previews

White Background



This preview shows how the XYZ color 65.3287, 65.1416, 68.1619 looks on a white background.

Color Contrast Check

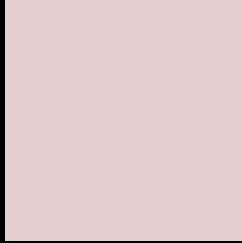
Large Text (above 18pt) WCAG AA × Fail

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 65.3287, 65.1416, 68.1619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

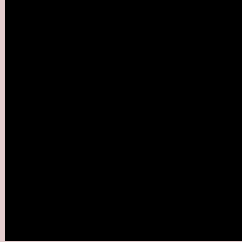
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3287, 65.1416, 68.1619

Background



This preview shows how black text looks on a background with the XYZ color 65.3287, 65.1416, 68.1619.



This preview shows how white text looks on a background with the XYZ color 65.3287, 65.1416,

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

65.3287, 65.1416, 68.1619

Protanopia

62.5795, 65.1437, 69.5973

Deuteranopia

66.4596, 65.0144, 68.0777



Tritanopia

67.1443, 65.1760, 76.7515

Trichromacy



Original Color

65.3287, 65.1416, 68.1619

Protanomaly

63.7008, 65.3706, 68.9349

Deuteranomaly

66.0488, 65.1566, 68.1268

Tritanomaly

66.4102, 65.2270, 73.3798

Monochromacy



Original Color

65.3287, 65.1416, 68.1619

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7179, 65.7018, 70.9514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3287, 65.1416, 68.1619 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(228, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(228, 206, 207)  
}
```

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(228, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 65.3287, 65.1416, 68.1619 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(228, 206, 207) }
```


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

```
.border{ border-color:rgb(228, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(228, 206,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3287, 65.1416, 68.1619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 206, 207) }
```

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

```
.background{ background-color: rgb(228,  
206, 207) }
```

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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