

Converting Colors

XYZ(65.5484, 63.2764, 63.3464)

Have a look what the booklet for
XYZ(65.5484, 63.2764, 63.3464)
contains.

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Color

**XYZ(65.6717, 63.3116,
63.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC8C8
RGB	236, 200, 200
RGB Percent	93%, 78%, 78%
CMY	0.0745, 0.2157, 0.2157
CMYK	0.00, 0.15, 0.15, 0.07
HSL	0°, 49%, 85%
HSV	0°, 15%, 93%
XYZ	65.6717, 63.3116, 63.4027
YIQ	210.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

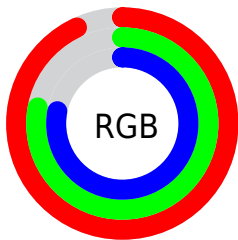
Format	Color
R _Y B	236, 200, 200
Decimal	15517896
CIE Lab	83.61, 12.69, 4.72
CIE LCh	84, 13.542, 20.413
Yxy	63.3116, 0.3414, 0.3291
Android (android.graphics.Color)	4293707976 (0xFFECC8C8)
YUV	210.7640, -5.3067, 22.1320
Hunter-Lab	79.5686, 8.0794, 8.4539

Details

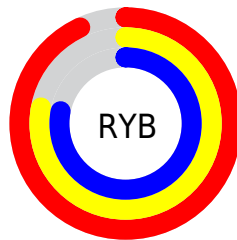
The XYZ color **65.6717, 63.3116, 63.4027** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9547, 78.3246, 90.8413**, and the grayscale version is **61.7866, 65.0044, 70.7897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2896, 32.3364, 31.6284** is the 20% darker color. If you saturate the color by 10%, you get **58.0742, 52.1946, 48.2966**, and if you desaturate by 10%, it is **74.5420, 76.2914, 81.0350**.

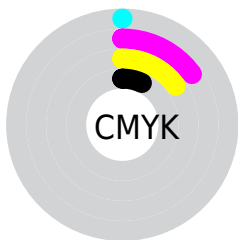
Distribution



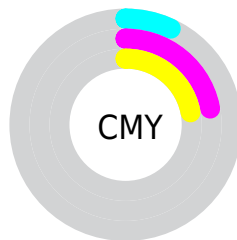
- Red (93%)
- Green (78%)
- Blue (78%)



- Red (93%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6717, 63.3116, 63.4027 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 65.6717, 63.3116, 63.4027 by changing the saturation by 10% instead.

65.6717, 63.3116,
63.4027

65.6717, 63.3116,
63.4027

434.7090,
436.6995, 455.1776

48.2727, 46.0933,
45.7240

112.0753,
109.6189, 111.3415

34.2550, 32.3195,
31.6810

141.8107,
139.4768, 142.4386

23.2534, 21.6056,
20.8551

176.3888,
174.3166, 178.8456

14.9024, 13.5674,
12.8279

216.1751,
214.5229, 220.9810

8.8368, 7.8204,
7.1808

261.5349,
260.4799, 269.2633

4.6912, 3.9803,
3.4953

312.8336,

2.1001, 1.6625,

312.5720, 324.1112

1.3528

370.4365,
371.1838, 385.9431

0.6893, 0.3992,
0.1045

0.0000, 0.0000,
0.0000

65.6717, 63.3116,
63.4027

65.6717, 63.3116,
63.4027

58.0742, 52.1946,
48.2966

74.5420, 76.2914,
81.0350

51.6861, 42.8471,
35.5972

84.7340, 91.2050,
101.2973

46.4467, 35.1803,
25.1816

88.4023, 96.5730,
108.5889

42.2878, 29.0946,
16.9142

■ 39.1341, 24.4798,
10.6453

■ 36.9007, 21.2115,
6.2060

■ 35.4887, 19.1450,
3.3995

■ 34.7762, 18.1022,
1.9839

■ 34.5926, 17.8336,
1.6190

Harmonies

Analogous

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



65.9669, 63.3116, 71.6874



65.6717, 63.3116, 63.4027



63.8778, 63.3116, 57.1162

Triad

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



65.6717, 63.3116, 63.4027



55.8933, 63.3116, 59.0569



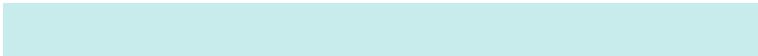
59.2324, 63.3116, 86.2982

Complementary

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



65.6717, 63.3116, 63.4027



68.9547, 78.3246, 90.8413

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.



56.6196, 63.3116, 82.2824



65.6717, 63.3116, 63.4027



54.7339, 63.3116, 66.2551

Square

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



65.6717, 63.3116, 63.4027



58.2115, 63.3116, 54.7536



54.9954, 63.3116, 74.7813



62.1837, 63.3116, 85.3766

Rectangle

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



65.6717, 63.3116, 63.4027



62.1049, 63.3116, 54.6847



54.9954, 63.3116, 74.7813



58.2870, 63.3116, 85.4693

Sweetspot

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



65.6735, 63.3144, 63.4040



89.1316, 91.3399, 97.1340



70.3874, 65.1984, 88.2322



18.9067, 19.3000, 20.4504



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.



65.6735, 63.3144, 63.4040



75.5874, 71.5211, 70.2076



70.0895, 72.1466, 64.8761



15.0657, 15.0544, 15.6305



19.0680, 9.8303, 0.8924



1.4973, 0.7720, 0.0701

Inverse Universe

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



68.9547, 78.3246, 90.8413



80.1310, 92.3064, 108.2013



64.0319, 68.4791, 89.2004



15.5176, 17.1216, 19.4092



24.8752, 36.3975, 49.4573



1.9534, 2.8582, 3.8836

Previews

White Background



This preview shows how the XYZ color 65.6717, 63.3116, 63.4027 looks on a white background.

Color Contrast Check

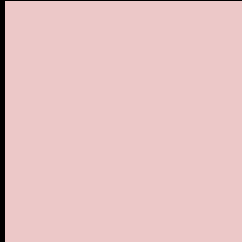
Large Text (above 18pt) WCAG AA × Fail

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 65.6717, 63.3116, 63.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

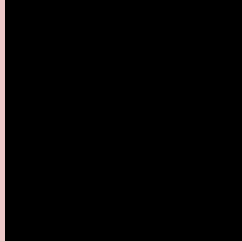
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6717, 63.3116, 63.4027

Background



This preview shows how black text looks on a background with the XYZ color 65.6717, 63.3116, 63.4027.



This preview shows how white text looks on a background with the XYZ color 65.6717, 63.3116,

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

65.6717, 63.3116, 63.4027

Protanopia

60.8955, 63.6175, 66.1966

Deuteranopia

64.8246, 63.5670, 63.4966



Tritanopia

67.4642, 63.3694, 71.6266

Trichromacy



Original Color

65.6717, 63.3116, 63.4027

Protanomaly

62.4296, 63.3466, 65.4366

Deuteranomaly

64.9162, 63.2671, 63.4339

Tritanomaly

66.7336, 63.4054, 68.3957

Monochromacy



Original Color

65.6717, 63.3116, 63.4027

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.0905, 64.3463, 68.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6717, 63.3116, 63.4027 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(236, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(236, 200, 200)  
}
```

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(236, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.6717, 63.3116, 63.4027 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(236, 200, 200) }
```


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

```
.border{ border-color:rgb(236, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6717, 63.3116, 63.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 200, 200) }
```

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

```
.background{ background-color: rgb(236,  
200, 200) }
```

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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