

Converting Colors

XYZ(66.5719, 64.1206, 63.5114)

Have a look what the booklet for
XYZ(66.5719, 64.1206, 63.5114)
contains.

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Color

**XYZ(66.5719, 64.1206,
63.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC9C8
RGB	238, 201, 200
RGB Percent	93%, 79%, 78%
CMY	0.0667, 0.2117, 0.2157
CMYK	0.00, 0.16, 0.16, 0.07
HSL	2°, 53%, 86%
HSV	2°, 16%, 93%
XYZ	66.5719, 64.1206, 63.5114
YIQ	211.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

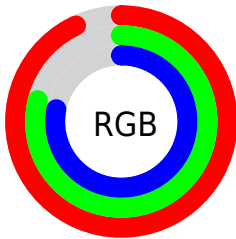
Format	Color
R _Y B	238, 201, 200
Decimal	15649224
CIE _{Lab}	84.03, 12.88, 5.36
CIE _{LCh}	84, 13.951, 22.578
Y _{xy}	64.1206, 0.3428, 0.3302
Android (android.graphics.Color)	4293839304 (0xFFEEEC9C8)
YUV	211.9490, -5.8909, 22.8467
Hunter-Lab	80.0753, 8.2670, 9.0271

Details

The XYZ color **66.5719, 64.1206, 63.5114** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5357, 79.0190, 92.4768**, and the grayscale version is **62.5744, 65.8332, 71.6923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9134, 32.8878, 31.7020** is the 20% darker color. If you saturate the color by 10%, you get **59.0041, 53.0949, 48.3173**, and if you desaturate by 10%, it is **75.3910, 76.9548, 81.2602**.

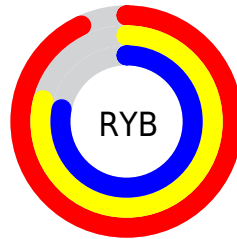
Distribution



Red (93%)

Green (79%)

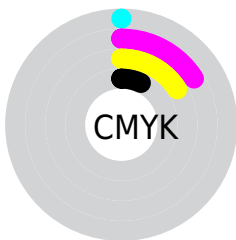
Blue (78%)



Red (93%)

Yellow (79%)

Blue (78%)

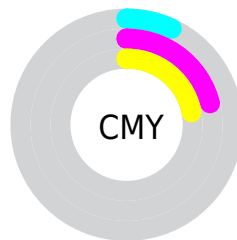


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5719, 64.1206, 63.5114 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 66.5719, 64.1206, 63.5114 by changing the saturation by 10% instead.

66.5719, 64.1206,
63.5114

66.5719, 64.1206,
63.5114

437.8759,
439.6250, 455.5820

49.0062, 46.7484,
45.8114

113.3600,
110.7846, 111.4997

34.8390, 32.8368,
31.7494

143.3131,
140.8452, 142.6250

23.7048, 22.0014,
20.9069

178.1260,
175.9039, 179.0625

15.2383, 13.8579,
12.8654

218.1641,
216.3453, 221.2308

9.0742, 8.0219,
7.2063

263.7928,
262.5537, 269.5483

4.8471, 4.1090,
3.5111

315.3775,

2.1917, 1.7347,

314.9136, 324.4337

1.3611

373.2834,
373.8092, 386.3054

■ 0.7383, 0.4460,
0.1111

■ 0.0000, 0.0000,
0.0000

■ 66.5719, 64.1206,
63.5114

■ 66.5719, 64.1206,
63.5114

■ 59.0041, 53.0949,
48.3173

■ 75.3910, 76.9548,
81.2602

■ 52.6261, 43.7884,
35.5567

■ 85.5089, 91.6644,
101.6694

■ 47.3788, 36.1169,
25.1043

■ 89.0702, 96.9173,
108.6201

■ 43.1963, 29.9862,
16.8223

■ 40.0058, 25.2921,
10.5581

■ 37.7252, 21.9177,
6.1394

■ 36.2596, 19.7278,
3.3652

■ 35.4927, 18.5583,
1.9871

■ 35.3284, 18.3138,
1.6729

Harmonies

Analogous

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



67.0012, 64.1206, 72.0278



66.5719, 64.1206, 63.5114



64.6107, 64.1206, 57.2069

Triad

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



66.5719, 64.1206, 63.5114



56.3662, 64.1206, 60.0187



60.1838, 64.1206, 88.0005

Complementary

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



66.5719, 64.1206, 63.5114



69.5357, 79.0190, 92.4768

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.



57.4200, 64.1206, 84.1547



66.5719, 64.1206, 63.5114



55.2647, 64.1206, 67.6508

Square

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



66.5719, 64.1206, 63.5114



58.7015, 64.1206, 55.3120



55.6439, 64.1206, 76.5255



63.2444, 64.1206, 86.6578

Rectangle

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



66.5719, 64.1206, 63.5114



62.7331, 64.1206, 54.8668



55.6439, 64.1206, 76.5255



59.1906, 64.1206, 87.2613

Sweetspot

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



66.5737, 64.1235, 63.5127



89.2317, 91.5401, 97.1674



71.2546, 65.6225, 89.3134



18.9309, 19.3484, 20.4585



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.



66.5737, 64.1235, 63.5127



74.9621, 70.7722, 68.4529



71.1830, 73.3422, 65.0492



15.8063, 15.8257, 16.3713



19.7241, 10.2464, 0.9382



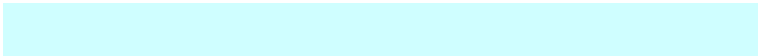
1.6526, 0.8758, 0.0820

Inverse Universe

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



69.5357, 79.0190, 92.4768



79.0094, 91.1264, 108.0326



64.4194, 68.7865, 90.7714



16.2095, 17.8530, 20.3133



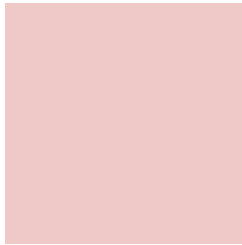
24.6794, 35.5830, 50.6953



2.0643, 2.9827, 4.2211

Previews

White Background



This preview shows how the XYZ color 66.5719, 64.1206, 63.5114 looks on a white background.

Color Contrast Check

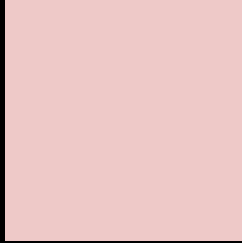
Large Text (above 18pt) WCAG AA × Fail

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 66.5719, 64.1206, 63.5114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

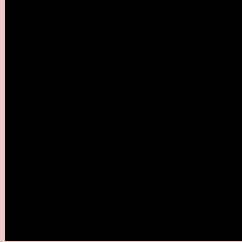
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5719, 64.1206, 63.5114

Background



This preview shows how black text looks on a background with the XYZ color 66.5719, 64.1206, 63.5114.

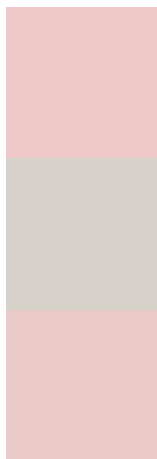


This preview shows how white text looks on a background with the XYZ color 66.5719, 64.1206,

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

66.5719, 64.1206, 63.5114

Protanopia

61.7239, 64.4076, 66.3055

Deuteranopia

65.7129, 64.3744, 63.6056



Tritanopia

68.4962, 64.2272, 72.4053

Trichromacy



Original Color

66.5719, 64.1206, 63.5114

Protanomaly

63.2822, 64.1424, 65.5453

Deuteranomaly

65.8068, 64.0734, 63.5426

Tritanomaly

67.7595, 64.2627, 69.1542

Monochromacy



Original Color

66.5719, 64.1206, 63.5114

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.7598, 65.0380, 68.8676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5719, 64.1206, 63.5114 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(238, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 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(238, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 200) }
```

Border

The CSS property to change the border of an element to XYZ 66.5719, 64.1206, 63.5114 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(238, 201, 200) }
```


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

```
.border{ border-color:rgb(238, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5719, 64.1206, 63.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 200) }
```

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

```
.background{ background-color: rgb(238,  
201, 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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