

Converting Colors

XYZ(66.5623, 64.3280, 51.4307)

Have a look what the booklet for
XYZ(66.5623, 64.3280, 51.4307)
contains.

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Color

**XYZ(66.6795, 64.4404,
51.5717)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C9B3
RGB	245, 201, 179
RGB Percent	96%, 79%, 70%
CMY	0.0392, 0.2117, 0.2980
CMYK	0.00, 0.18, 0.27, 0.04
HSL	20°, 77%, 83%
HSV	20°, 27%, 96%
XYZ	66.6795, 64.4404, 51.5717
YIQ	211.6480, 33.2860, 2.4860

Conversions

Conversions Part 2

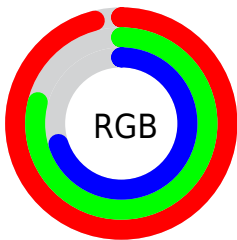
Format	Color
R _Y B	245, 212, 179
Decimal	16107955
CIE Lab	84.19, 12.40, 16.85
CIE LCh	84, 20.923, 53.638
Yxy	64.4404, 0.3650, 0.3527
Android (android.graphics.Color)	4294298035 (0xFFF5C9B3)
YUV	211.6480, -16.0955, 29.2497
Hunter-Lab	80.2748, 7.7885, 18.1021

Details

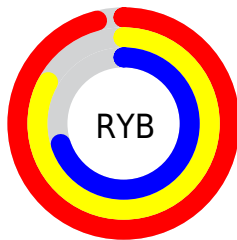
The XYZ color **66.6795, 64.4404, 51.5717** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.4589, 68.9497, 96.4559**, and the grayscale version is **62.4350, 65.6865, 71.5326**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **34.9387, 33.0652, 24.2794** is the 20% darker color. If you saturate the color by 10%, you get **60.8118, 56.3242, 38.4579**, and if you desaturate by 10%, it is **73.3957, 73.5482, 67.1417**.

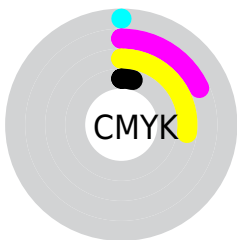
Distribution



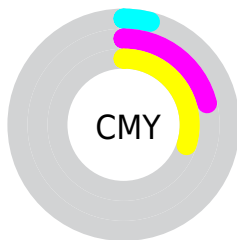
- Red (96%)
- Green (79%)
- Blue (70%)



- Red (96%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6795, 64.4404, 51.5717 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 66.6795, 64.4404, 51.5717 by changing the saturation by 10% instead.


 66.6795, 64.4404,
51.5717

 66.6795, 64.4404,
51.5717


438.2535,
440.7783, 409.6907

 49.0940, 47.0075,
36.2839


 113.5134,
111.2449, 93.9194

 34.9089, 33.0416,
24.3621

143.4924,
141.3853, 121.8164

 23.7589, 22.1583,
15.3878


178.3333,
176.5303, 154.7536

 15.2786, 13.9732,
8.9424

218.4015,
217.0643, 193.1495

 9.1027, 8.1021,
4.6073

264.0622,
263.3717, 237.4226

 4.8659, 4.1603,
1.9641

315.6809,

 2.2027, 1.7636,

315.8369, 287.9914

0.5331

373.6229,
374.8443, 345.2746

■ 0.7442, 0.4644,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.6795, 64.4404,
51.5717

■ 66.6795, 64.4404,
51.5717

■ 60.8118, 56.3242,
38.4579

■ 73.3957, 73.5482,
67.1417

■ 55.7517, 49.1563,
27.6693

■ 80.9888, 83.6715,
85.2817

■ 51.4620, 42.9029,
19.0689

■ 89.4925, 94.8443,
106.1029

■ 47.9007, 37.5249,
12.5033

■ 91.4663, 98.1525,
108.7323

■ 45.0208, 32.9797,
7.7989

■ 42.7689, 29.2206,
4.7526

■ 41.0802, 26.1945,
3.1063

■ 40.6499, 25.3997,
2.7601

Harmonies

Analogous

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



69.7709, 64.4404, 60.4309



66.6795, 64.4404, 51.5717



62.2404, 64.4404, 47.7548

Triad

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



66.6795, 64.4404, 51.5717



52.8207, 64.4404, 67.3774



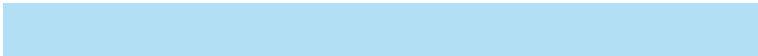
64.8877, 64.4404, 96.2071

Complementary

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



66.6795, 64.4404, 51.5717



61.4589, 68.9497, 96.4559

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.



60.2675, 64.4404, 98.6742



66.6795, 64.4404, 51.5717



53.4503, 64.4404, 80.8912

Square

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



66.6795, 64.4404, 51.5717



54.3561, 64.4404, 56.1089



56.1210, 64.4404, 92.7624



68.7005, 64.4404, 86.3912

Rectangle

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



66.6795, 64.4404, 51.5717



59.1736, 64.4404, 48.1909



56.1210, 64.4404, 92.7624



63.3717, 64.4404, 97.9706

Sweetspot

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



66.6812, 64.4434, 51.5730



87.7519, 90.3836, 91.1154



67.0961, 56.9811, 77.2747



18.5041, 18.9764, 18.8319



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.



66.6812, 64.4434, 51.5730



69.6165, 65.8824, 48.7858



75.2161, 81.5132, 54.4180



16.9505, 17.3852, 17.2598



22.0122, 13.9101, 1.5247



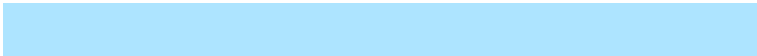
2.0253, 1.4039, 0.1642

Inverse Universe

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



61.4589, 68.9497, 96.4559



63.0590, 71.5235, 105.0896



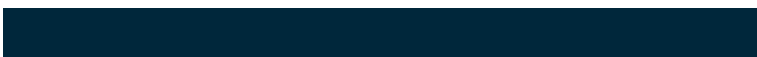
53.4860, 53.0040, 93.7983



16.5041, 17.7725, 21.1031



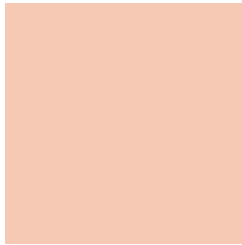
16.0974, 17.9885, 49.1617



1.5090, 1.7695, 4.3522

Previews

White Background



This preview shows how the XYZ color 66.6795, 64.4404, 51.5717 looks on a white background.

Color Contrast Check

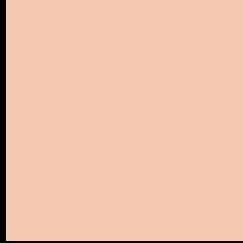
Large Text (above 18pt) WCAG AA × Fail

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 66.6795, 64.4404, 51.5717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

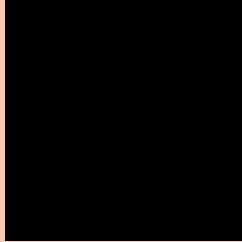
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6795, 64.4404, 51.5717

Background



This preview shows how black text looks on a background with the XYZ color 66.6795, 64.4404, 51.5717.



This preview shows how white text looks on a background with the XYZ color 66.6795, 64.4404,

51.5717.

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

66.6795, 64.4404, 51.5717

Protanopia

61.1090, 64.7277, 54.0727

Deuteranopia

65.8752, 64.3730, 51.6011



Tritanopia

70.5647, 64.3227, 70.3244

Trichromacy



Original Color

66.6795, 64.4404, 51.5717

Protanomaly

63.0694, 64.6611, 53.4127

Deuteranomaly

66.2194, 64.5504, 51.6172

Tritanomaly

69.2143, 64.4681, 62.8284

Monochromacy



Original Color

66.6795, 64.4404, 51.5717

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.7217, 65.1292, 63.8563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6795, 64.4404, 51.5717 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(245, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(245, 201, 179)  
}
```

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(245, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 201, 179) }
```

Border

The CSS property to change the border of an element to XYZ 66.6795, 64.4404, 51.5717 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(245, 201, 179) }
```


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

```
.border{ border-color:rgb(245, 201, 179) }
```

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

Here you see how a box with a 4 pixel rgb(245, 201, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(245, 201,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6795, 64.4404, 51.5717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 201, 179) }
```

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

```
.background{ background-color: rgb(245,  
201, 179) }
```

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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