

Converting Colors

XYZ(65.5373, 65.1138, 49.9295)

Have a look what the booklet for
XYZ(65.5373, 65.1138, 49.9295)
contains.

XYZ(65.3645, 64.8456, 50.1457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3645, 64.8456,
50.1457)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CCB0
RGB	240, 204, 176
RGB Percent	94%, 80%, 69%
CMY	0.0588, 0.2000, 0.3098
CMYK	0.00, 0.15, 0.27, 0.06
HSL	26°, 68%, 82%
HSV	26°, 27%, 94%
XYZ	65.3645, 64.8456, 50.1457
YIQ	211.5720, 30.4440, -1.0760

Conversions

Conversions Part 2

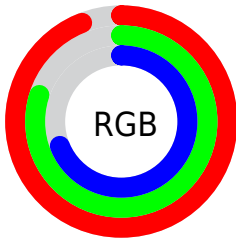
Format	Color
R _Y B	240, 226, 176
Decimal	15781040
CIE Lab	84.40, 8.56, 18.66
CIE LCh	84, 20.531, 65.354
Yxy	64.8456, 0.3624, 0.3595
Android (android.graphics.Color)	4293971120 (0xFFFF0CCB0)
YUV	211.5720, -17.5370, 24.9314
Hunter-Lab	80.5268, 3.9687, 19.4476

Details

The XYZ color **65.3645, 64.8456, 50.1457** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1755, 62.6065, 91.5090**, and the grayscale version is **62.3952, 65.6446, 71.4869**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **34.0099, 33.3100, 23.3759** is the 20% darker color. If you saturate the color by 10%, you get **60.1266, 57.8397, 37.7017**, and if you desaturate by 10%, it is **71.3038, 72.5816, 64.8962**.

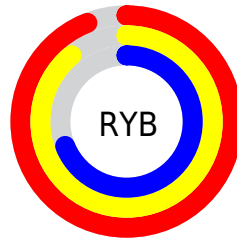
Distribution



Red (94%)

Green (80%)

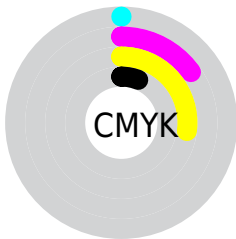
Blue (69%)



Red (94%)

Yellow (89%)

Blue (69%)

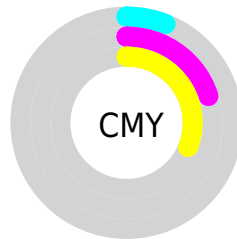


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (6%)



Cyan (6%)


Magenta (20%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3645, 64.8456, 50.1457 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 65.3645, 64.8456, 50.1457 by changing the saturation by 10% instead.


 65.3645, 64.8456,
50.1457

 65.3645, 64.8456,
50.1457

433.6252,
442.2369, 403.9868

 48.0225, 47.3359,
35.1572


 111.6365,
111.8278, 91.7892

 34.0560, 33.3013,
23.4995

141.2973,
142.0692, 119.2814

 23.0997, 22.3573,
14.7540


175.7950,
177.3232, 151.7784

 14.7883, 14.1197,
8.5022

215.4950,
217.9742, 189.6990

 8.7563, 8.2040,
4.3256

260.7626,
264.4067, 233.4615

 4.6384, 4.2257,
1.8056

311.9633,

 2.0692, 1.8006,

317.0051, 283.4847

0.4317

369.4624,
376.1537, 340.1869

■ 0.6724, 0.4876,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3645, 64.8456,
50.1457

■ 65.3645, 64.8456,
50.1457

■ 60.1266, 57.8397,
37.7017

■ 71.3038, 72.5816,
64.8962

■ 55.5557, 51.5320,
27.4412

■ 77.9666, 81.0604,
82.0592

■ 51.6223, 45.9013,
19.2362

■ 85.3803, 90.3057,
101.7391

■ 48.2918, 40.9215,
12.9431

■ 89.7453, 97.2653,
108.6517

■ 45.5260, 36.5647,
8.3998

■ 43.2811, 32.7998,
5.4164

■ 41.5033, 29.5912,
3.7540

■ 40.9887, 28.6323,
3.3662

Harmonies

Analogous

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



69.0683, 64.8456, 57.0445



65.3645, 64.8456, 50.1457



60.8189, 64.8456, 48.4312

Triad

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



65.3645, 64.8456, 50.1457



53.3064, 64.8456, 72.9760



66.8500, 64.8456, 93.1404

Complementary

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



65.3645, 64.8456, 50.1457



57.1755, 62.6065, 91.5090

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.



62.4559, 64.8456, 98.6874



65.3645, 64.8456, 50.1457



54.7529, 64.8456, 86.1622

Square

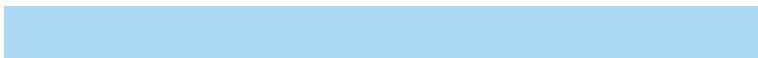
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.3645, 64.8456, 50.1457



54.0000, 64.8456, 60.6396



58.0478, 64.8456, 95.9886



69.9551, 64.8456, 81.6083

Rectangle

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



65.3645, 64.8456, 50.1457



57.9534, 64.8456, 50.2503



58.0478, 64.8456, 95.9886



65.4668, 64.8456, 95.8276

Sweetspot

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



65.3662, 64.8486, 50.1470



88.3861, 91.6519, 91.3267



63.3784, 54.3436, 69.6134



18.6633, 19.2948, 18.8849



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.



65.3662, 64.8486, 50.1470



71.6482, 69.9458, 49.4630



73.6907, 81.4976, 52.9219



16.3419, 16.8969, 16.5498



22.5650, 15.9282, 1.8851



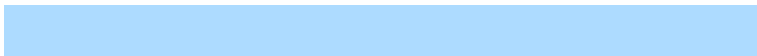
1.9745, 1.5197, 0.1893

Inverse Universe

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



57.1755, 62.6065, 91.5090



60.7804, 66.9663, 104.3301



50.0086, 48.2725, 89.1200



15.6349, 16.7038, 20.1217



13.4861, 13.1964, 46.9642



1.2208, 1.2956, 3.9399

Previews

White Background



This preview shows how the XYZ color 65.3645, 64.8456, 50.1457 looks on a white background.

Color Contrast Check

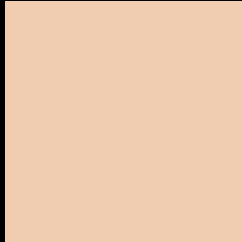
Large Text (above 18pt) WCAG AA × Fail

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 65.3645, 64.8456, 50.1457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

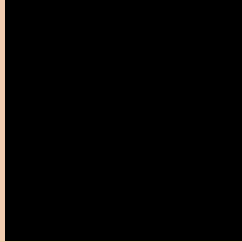
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3645, 64.8456, 50.1457

Background



This preview shows how black text looks on a background with the XYZ color 65.3645, 64.8456, 50.1457.



This preview shows how white text looks on a background with the XYZ color 65.3645, 64.8456,

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

65.3645, 64.8456, 50.1457

Protanopia

61.3075, 64.8775, 51.9392

Deuteranopia

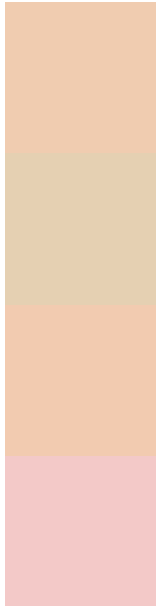
66.1546, 64.9011, 50.1147



Tritanopia

69.8692, 64.9350, 72.4695

Trichromacy



Original Color

65.3645, 64.8456, 50.1457

Protanomaly

62.9049, 64.9841, 51.3472

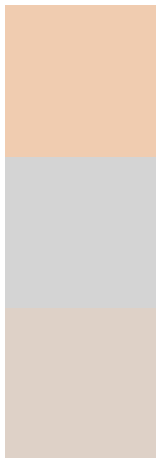
Deuteranomaly

65.8104, 64.7237, 50.0986

Tritanomaly

68.2741, 64.9981, 63.5910

Monochromacy



Original Color

65.3645, 64.8456, 50.1457

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2335, 65.2540, 63.2954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3645, 64.8456, 50.1457 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(240, 204, 176) looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 176)  
}
```

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(240, 204, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 176) }
```

Border

The CSS property to change the border of an element to XYZ 65.3645, 64.8456, 50.1457 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(240, 204, 176) }
```


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

```
.border{ border-color:rgb(240, 204, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 204, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 176);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3645, 64.8456, 50.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 176) }
```

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

```
.background{ background-color: rgb(240,  
204, 176) }
```

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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