

Converting Colors

XYZ(65.9563, 65.6800, 49.7592)

Have a look what the booklet for
XYZ(65.9563, 65.6800, 49.7592)
contains.

XYZ(65.8448, 65.4586, 49.7218)	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(65.8448, 65.4586,
49.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CDAF
RGB	241, 205, 175
RGB Percent	95%, 80%, 69%
CMY	0.0549, 0.1961, 0.3137
CMYK	0.00, 0.15, 0.27, 0.05
HSL	27°, 70%, 82%
HSV	27°, 27%, 95%
XYZ	65.8448, 65.4586, 49.7218
YIQ	212.3440, 31.0860, -1.6980

Conversions

Conversions Part 2

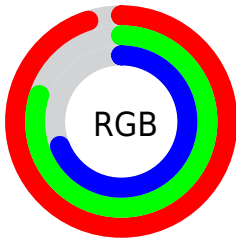
Format	Color
R_{YB}	241, 230, 175
Decimal	15846831
CIE _{Lab}	84.72, 8.28, 19.64
CIE _{LCh}	85, 21.315, 67.140
Yxy	65.4586, 0.3637, 0.3616
Android (android.graphics.Color)	4294036911 (0xFFFF1CDAF)
YUV	212.3440, -18.4106, 25.1313
Hunter-Lab	80.9065, 3.6838, 20.1973

Details

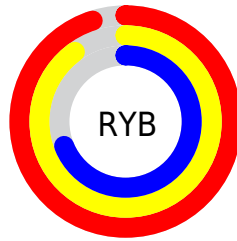
The XYZ color **65.8448, 65.4586, 49.7218** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.8500, 62.0514, 92.2001**, and the grayscale version is **62.9139, 66.1903, 72.0812**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **34.3466, 33.7287, 23.1124** is the 20% darker color. If you saturate the color by 10%, you get **60.6731, 58.5709, 37.3438**, and if you desaturate by 10%, it is **71.7066, 73.0496, 64.4154**.

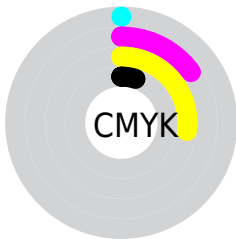
Distribution



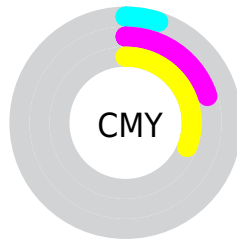
- Red (95%)
- Green (80%)
- Blue (69%)



- Red (95%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8448, 65.4586, 49.7218 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 65.8448, 65.4586, 49.7218 by changing the saturation by 10% instead.


 65.8448, 65.4586,
49.7218

 65.8448, 65.4586,
49.7218


435.3190,
444.4381, 402.2809

 48.4137, 47.8330,
34.8228


 112.3225,
112.7089, 91.1546

 34.3672, 33.6947,
23.2439


142.0998,
143.1025, 118.5255

 23.3401, 22.6591,
14.5667


176.7232,
178.5208, 150.8907

 14.9669, 14.3420,
8.3726

216.5580,
219.3483, 188.6688

 8.8823, 8.3589,
4.2431

261.9697,
265.9694, 232.2783

 4.7210, 4.3255,
1.7597

313.3235,

 2.1176, 1.8572,

318.7685, 282.1378

0.4011

370.9848,
378.1300, 338.6658

■ 0.6987, 0.5225,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8448, 65.4586,
49.7218

■ 65.8448, 65.4586,
49.7218

■ 60.6731, 58.5709,
37.3438

■ 71.7066, 73.0496,
64.4154

■ 56.1574, 52.3556,
27.1568

■ 78.2803, 81.3556,
81.5321

■ 52.2681, 46.7924,
19.0306

■ 85.5931, 90.3995,
101.1776

■ 48.9710, 41.8564,
12.8194

■ 90.0857, 97.4408,
108.6677

■ 46.2278, 37.5207,
8.3579

■ 43.9946, 33.7553,
5.4520

■ 42.2155, 30.5251,
3.8479

■ 41.8047, 29.7589,
3.5407

Harmonies

Analogous

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



69.8113, 65.4586, 56.5728



65.8448, 65.4586, 49.7218



61.0843, 65.4586, 48.2747

Triad

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



65.8448, 65.4586, 49.7218



53.5593, 65.4586, 74.5854



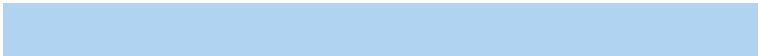
67.9150, 65.4586, 94.3086

Complementary

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



65.8448, 65.4586, 49.7218



56.8500, 62.0514, 92.2001

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.



63.3624, 65.4586, 100.6151



65.8448, 65.4586, 49.7218



55.1934, 65.4586, 88.3224

Square

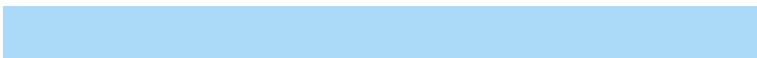
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8448, 65.4586, 49.7218



54.1485, 65.4586, 61.5561



58.7239, 65.4586, 98.2952



71.0484, 65.4586, 81.9628

Rectangle

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



65.8448, 65.4586, 49.7218



58.1291, 65.4586, 50.3762



58.7239, 65.4586, 98.2952



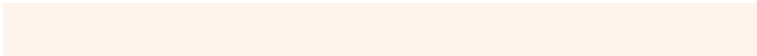
66.4911, 65.4586, 97.2725

Sweetspot

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



65.8465, 65.4616, 49.7232



88.4905, 91.8608, 91.3616



63.4016, 54.0796, 68.9227



18.6896, 19.3473, 18.8937



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.



65.8465, 65.4616, 49.7232



71.4030, 69.8478, 48.1718



74.5011, 82.7707, 52.6080



16.3647, 16.9426, 16.5574



22.8007, 16.3995, 1.9637



1.9950, 1.5607, 0.1961

Inverse Universe

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



56.8500, 62.0514, 92.2001



59.5587, 65.3546, 104.0834



49.5372, 47.4260, 89.7625



15.6117, 16.6575, 20.1140



13.1796, 12.5835, 46.8621



1.1957, 1.2455, 3.9316

Previews

White Background



This preview shows how the XYZ color 65.8448, 65.4586, 49.7218 looks on a white background.

Color Contrast Check

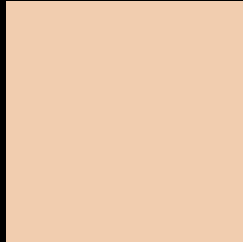
Large Text (above 18pt) WCAG AA × Fail

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 65.8448, 65.4586, 49.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

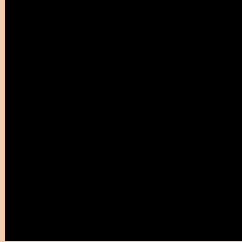
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8448, 65.4586, 49.7218

Background



This preview shows how black text looks on a background with the XYZ color 65.8448, 65.4586, 49.7218.



This preview shows how white text looks on a background with the XYZ color 65.8448, 65.4586,

49.7218.

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

65.8448, 65.4586, 49.7218

Protanopia

61.7616, 65.4909, 51.5053

Deuteranopia

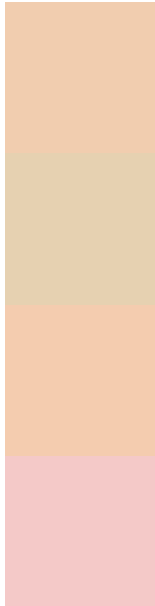
66.9869, 65.6934, 49.7069



Tritanopia

70.6952, 65.3460, 73.1770

Trichromacy



Original Color

65.8448, 65.4586, 49.7218

Protanomaly

63.3694, 65.5982, 50.9168

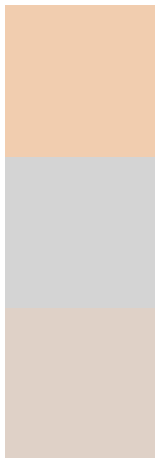
Deuteranomaly

66.6390, 65.5140, 49.6906

Tritanomaly

68.6202, 65.1765, 63.6072

Monochromacy



Original Color

65.8448, 65.4586, 49.7218

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.5407, 65.4124, 63.3097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8448, 65.4586, 49.7218 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(241, 205, 175)` looks like.

```
.text, #text, p{  
    color:rgb(241, 205, 175)  
}
```

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(241, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 205, 175) }
```

Border

The CSS property to change the border of an element to XYZ 65.8448, 65.4586, 49.7218 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(241, 205, 175) }
```


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

```
.border{ border-color:rgb(241, 205, 175) }
```

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

Here you see how a box with a 4 pixel rgb(241, 205, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(241, 205,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8448, 65.4586, 49.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 205, 175) }
```

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

```
.background{ background-color: rgb(241,  
205, 175) }
```

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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