

Converting Colors

XYZ(64.8945, 66.9633, 34.7542)

Have a look what the booklet for
XYZ(64.8945, 66.9633, 34.7542)
contains.

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Color

**XYZ(64.8165, 67.0710,
34.7291)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D28D
RGB	243, 210, 141
RGB Percent	95%, 82%, 55%
CMY	0.0471, 0.1764, 0.4471
CMYK	0.00, 0.14, 0.42, 0.05
HSL	41°, 81%, 75%
HSV	41°, 42%, 95%
XYZ	64.8165, 67.0710, 34.7291
YIQ	212.0010, 41.8170, -14.4630

Conversions

Conversions Part 2

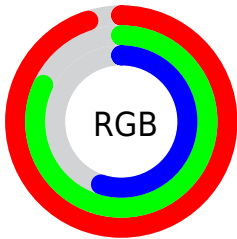
Format	Color
R _Y B	190, 243, 141
Decimal	15979149
CIE Lab	85.54, 2.43, 38.42
CIE LCh	86, 38.496, 86.382
Yxy	67.0710, 0.3890, 0.4025
Android (android.graphics.Color)	4294169229 (0xFFFF3D28D)
YUV	212.0010, -35.0035, 27.1861
Hunter-Lab	81.8969, -2.0474, 32.1854

Details

The XYZ color **64.8165, 67.0710, 34.7291** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.2978, 42.4044, 90.7495**, and the grayscale version is **62.7873, 66.0572, 71.9363**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **33.7415, 34.8294, 14.6172** is the 20% darker color. If you saturate the color by 10%, you get **61.3103, 62.6416, 25.5976**, and if you desaturate by 10%, it is **68.8181, 71.8560, 45.9842**.

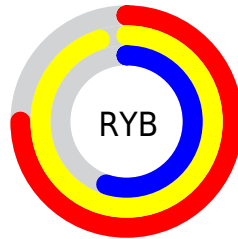
Distribution



Red (95%)

Green (82%)

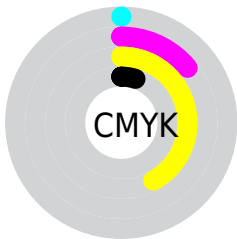
Blue (55%)



Red (75%)

Yellow (95%)

Blue (55%)

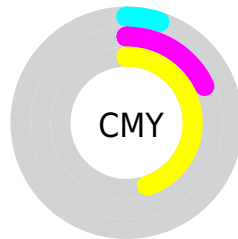


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8165, 67.0710, 34.7291 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 64.8165, 67.0710, 34.7291 by changing the saturation by 10% instead.


 64.8165, 67.0710,
34.7291


 64.8165, 67.0710,
34.7291


431.6879,
450.1975, 338.2388


 47.5764, 49.1423,
23.1724


 110.8532,
115.0221, 68.2127

 33.7014, 34.7324,
14.5144

 140.3805,
145.8134, 90.9767

 22.8261, 23.4568,
8.3365


 174.7343,
181.6610, 118.3134

 14.5852, 14.9312,
4.2201

214.2800,
222.9493, 150.6416

 8.6132, 8.7711,
1.7469

259.3828,
270.0627, 188.3797

 4.5448, 4.5922,
0.3926

310.4081,

 2.0147, 2.0100,

323.3856, 231.9462

0.0000

367.7214,
383.3024, 281.7598

■ 0.6422, 0.6133,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.8165, 67.0710,
34.7291

■ 64.8165, 67.0710,
34.7291

■ 61.3103, 62.6416,
25.5976

■ 68.8181, 71.8560,
45.9842

■ 58.2669, 58.5452,
18.4470


■ 73.3352, 76.9994,
59.4847


■ 55.6572, 54.7705,
13.1235


■ 78.3928, 82.5158,
75.3482


■ 53.4460, 51.3010,
9.4486

■ 84.0125, 88.4157,
93.6827

 51.5911, 48.1176,
7.2073

 88.9832, 94.2168,
108.1035

 50.3085, 45.7475,
6.1786

 90.7721, 97.7947,
108.6998

Harmonies

Analogous

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



73.5232, 67.0710, 39.8091



64.8165, 67.0710, 34.7291



56.5628, 67.0710, 37.8145

Triad

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



64.8165, 67.0710, 34.7291



49.8357, 67.0710, 96.5951



78.8079, 67.0710, 103.0805

Complementary

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



64.8165, 67.0710, 34.7291



42.2978, 42.4044, 90.7495

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.



71.5194, 67.0710, 125.2467



64.8165, 67.0710, 34.7291



54.8818, 67.0710, 120.9408

Square

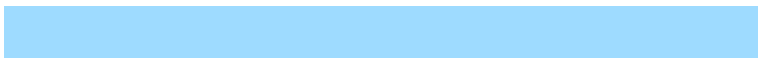
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.8165, 67.0710, 34.7291



48.3917, 67.0710, 70.0305



62.6932, 67.0710, 132.4308



82.0536, 67.0710, 76.1117

Rectangle

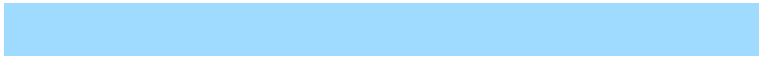
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.8165, 67.0710, 34.7291



52.3301, 67.0710, 44.5816



62.6932, 67.0710, 132.4308



76.7187, 67.0710, 111.5588

Sweetspot

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



64.8182, 67.0741, 34.7305



86.8388, 91.3940, 82.0658



54.2253, 41.2003, 45.6526



18.3115, 19.2649, 16.6909



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.



64.8182, 67.0741, 34.7305



69.0886, 70.7756, 30.2697



68.2226, 82.1931, 37.4693



17.4364, 18.3570, 17.4218



27.7388, 25.3631, 3.4336



2.5309, 2.4151, 0.3328

Inverse Universe

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



42.2978, 42.4044, 90.7495



41.0172, 40.0509, 100.1765



39.8038, 32.7907, 89.0253



16.0188, 16.8019, 20.9414



10.5060, 6.8058, 47.2979



1.0128, 0.7769, 4.1868

Previews

White Background



This preview shows how the XYZ color 64.8165, 67.0710, 34.7291 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 64.8165, 67.0710, 34.7291 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 64.8165, 67.0710, 34.7291

Background



This preview shows how black text looks on a background with the XYZ color 64.8165, 67.0710, 34.7291.



This preview shows how white text looks on a background with the XYZ color 64.8165, 67.0710,

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

64.8165, 67.0710, 34.7291

Protanopia

62.2832, 67.2321, 35.6810

Deuteranopia

68.2596, 66.9980, 36.5284



Tritanopia

73.0650, 67.2404, 74.0935

Trichromacy



Original Color

64.8165, 67.0710, 34.7291

Protanomaly

63.2688, 67.3744, 35.2611

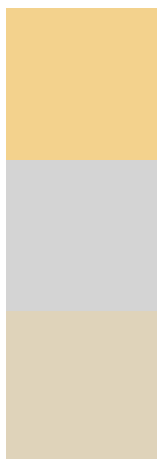
Deuteranomaly

67.1305, 67.1485, 35.8084

Tritanomaly

69.4896, 66.8163, 57.3785

Monochromacy



Original Color

64.8165, 67.0710, 34.7291

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.5886, 65.8217, 55.8605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8165, 67.0710, 34.7291 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(243, 210, 141)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 141)  
}
```

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(243, 210, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 141) }
```

Border

The CSS property to change the border of an element to XYZ 64.8165, 67.0710, 34.7291 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(243, 210, 141) }
```


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

```
.border{ border-color:rgb(243, 210, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 210, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 141);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8165, 67.0710, 34.7291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 210, 141) }
```

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

```
.background{ background-color: rgb(243,  
210, 141) }
```

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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