

Converting Colors

XYZ(65.0319, 63.8395, 47.3479)

Have a look what the booklet for
XYZ(65.0319, 63.8395, 47.3479)
contains.

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Color

**XYZ(64.8553, 63.5908,
47.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C9AB
RGB	242, 201, 171
RGB Percent	95%, 79%, 67%
CMY	0.0510, 0.2117, 0.3294
CMYK	0.00, 0.17, 0.29, 0.05
HSL	25°, 73%, 81%
HSV	25°, 29%, 95%
XYZ	64.8553, 63.5908, 47.3841
YIQ	209.8390, 34.0660, -0.6380

Conversions

Conversions Part 2

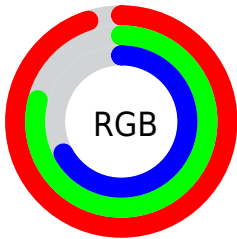
Format	Color
R _Y B	242, 223, 171
Decimal	15911339
CIE Lab	83.75, 10.22, 20.43
CIE LCh	84, 22.841, 63.414
Yxy	63.5908, 0.3689, 0.3617
Android (android.graphics.Color)	4294101419 (0xFFFF2C9AB)
YUV	209.8390, -19.1476, 28.2052
Hunter-Lab	79.7438, 5.6215, 20.5903

Details

The XYZ color **64.8553, 63.5908, 47.3841** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.3645, 62.1539, 93.0308**, and the grayscale version is **61.2603, 64.4506, 70.1867**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **33.7711, 32.5136, 21.9486** is the 20% darker color. If you saturate the color by 10%, you get **59.6463, 56.5323, 35.2904**, and if you desaturate by 10%, it is **70.7863, 71.4168, 61.8034**.

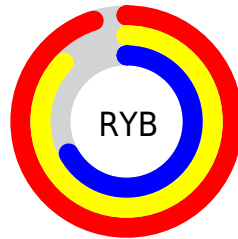
Distribution



Red (95%)

Green (79%)

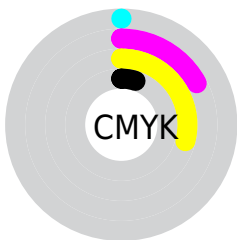
Blue (67%)



Red (95%)

Yellow (87%)

Blue (67%)

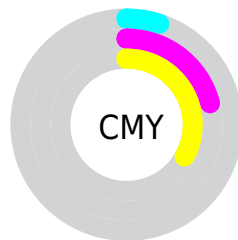


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (5%)



Cyan (5%)


Magenta (21%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8553, 63.5908, 47.3841 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 64.8553, 63.5908, 47.3841 by changing the saturation by 10% instead.


 64.8553, 63.5908,
47.3841

 64.8553, 63.5908,
47.3841

431.8252,
437.7105, 392.7837

 47.6080, 46.3193,
32.9829


 110.9087,
110.0214, 87.6427

 33.7265, 32.4979,
21.8423


140.4455,
139.9493, 114.3371

 22.8455, 21.7421,
13.5439


174.8095,
174.8649, 145.9663

 14.5995, 13.6675,
7.6690

214.3661,
215.1524, 182.9489

 8.6233, 7.8898,
3.7992

259.4806,
261.1963, 225.7034

 4.5514, 4.0245,
1.5158

310.5184,

 2.0186, 1.6873,

313.3811, 274.6483

0.2297

367.8448,
372.0910, 330.2023

■ 0.6444, 0.4154,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.8553, 63.5908,
47.3841

■ 64.8553, 63.5908,
47.3841

■ 59.6463, 56.5323,
35.2904

■ 70.7863, 71.4168,
61.8034

■ 55.1234, 50.2076,
25.3941

■ 77.4633, 80.0250,
78.6591

■ 51.2548, 44.5930,
17.5608

■ 84.9149, 89.4411,
98.0596

■ 48.0037, 39.6601,
11.6393

■ 90.4281, 97.6173,
108.6837

■ 45.3291, 35.3781,
7.4573

■ 43.1832, 31.7128,
4.8109

■ 41.4965, 28.6202,
3.3831

■ 41.3961, 28.4333,
3.3064

Harmonies

Analogous

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



68.8431, 63.5908, 55.1322



64.8553, 63.5908, 47.3841



59.8694, 63.5908, 45.1916

Triad

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



64.8553, 63.5908, 47.3841



51.3268, 63.5908, 70.8953



65.9022, 63.5908, 94.9130

Complementary

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



64.8553, 63.5908, 47.3841



56.3645, 62.1539, 93.0308

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.



61.0166, 63.5908, 100.5887



64.8553, 63.5908, 47.3841



52.7522, 63.5908, 85.5689

Square

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



64.8553, 63.5908, 47.3841



52.2301, 63.5908, 57.6129



56.2320, 63.5908, 96.9546



69.4706, 63.5908, 82.3339

Rectangle

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



64.8553, 63.5908, 47.3841



56.6938, 63.5908, 46.8847



56.2320, 63.5908, 96.9546



64.3501, 63.5908, 97.7647

Sweetspot

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



64.8570, 63.5937, 47.3854



87.4900, 90.4438, 89.2274



63.1177, 52.7783, 69.4245



18.4793, 19.0430, 18.4651



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.



64.8570, 63.5937, 47.3854



69.5665, 66.9370, 45.2099



73.9885, 81.8568, 50.4293



16.3218, 16.8568, 16.5432



22.3668, 15.5317, 1.8191



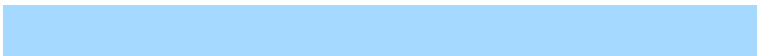
1.9571, 1.4849, 0.1835

Inverse Universe

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



56.3645, 62.1539, 93.0308



58.6093, 65.0715, 104.0788



48.5280, 46.4809, 90.4187



15.6553, 16.7446, 20.1285



13.7649, 13.7540, 47.0572



1.2434, 1.3408, 3.9475

Previews

White Background



This preview shows how the XYZ color 64.8553, 63.5908, 47.3841 looks on a white background.

Color Contrast Check

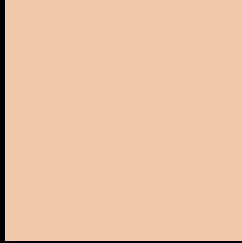
Large Text (above 18pt) WCAG AA × Fail

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 64.8553, 63.5908, 47.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

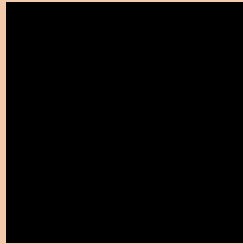
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8553, 63.5908, 47.3841

Background



This preview shows how black text looks on a background with the XYZ color 64.8553, 63.5908, 47.3841.



This preview shows how white text looks on a background with the XYZ color 64.8553, 63.5908,

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

64.8553, 63.5908, 47.3841

Protanopia

60.3571, 64.0682, 49.7427

Deuteranopia

64.8553, 63.5908, 47.3841



Tritanopia

69.2790, 63.3262, 70.1998

Trichromacy



Original Color

64.8553, 63.5908, 47.3841

Protanomaly

62.0244, 63.8566, 49.1009

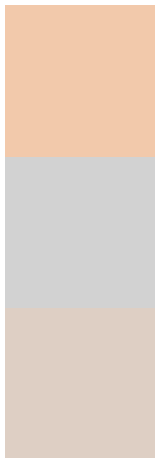
Deuteranomaly

64.8553, 63.5908, 47.3841

Tritanomaly

67.5862, 63.3305, 60.8864

Monochromacy



Original Color

64.8553, 63.5908, 47.3841

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.4008, 64.1408, 61.3161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8553, 63.5908, 47.3841 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(242, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 171)  
}
```

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(242, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 171) }
```

Border

The CSS property to change the border of an element to XYZ 64.8553, 63.5908, 47.3841 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(242, 201, 171) }
```


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

```
.border{ border-color:rgb(242, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8553, 63.5908, 47.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 171) }
```

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

```
.background{ background-color: rgb(242,  
201, 171) }
```

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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