

Converting Colors

XYZ(64.6626, 63.2884, 46.6227)

Have a look what the booklet for
XYZ(64.6626, 63.2884, 46.6227)
contains.

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Color

**XYZ(64.5279, 63.0881,
46.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C8AA
RGB	242, 200, 170
RGB Percent	95%, 78%, 67%
CMY	0.0510, 0.2157, 0.3333
CMYK	0.00, 0.17, 0.30, 0.05
HSL	25°, 73%, 81%
HSV	25°, 30%, 95%
XYZ	64.5279, 63.0881, 46.8064
YIQ	209.1380, 34.6620, -0.4260

Conversions

Conversions Part 2

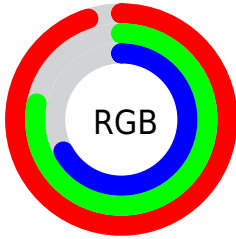
Format	Color
R_{YB}	242, 221, 170
Decimal	15911082
CIE _{Lab}	83.49, 10.62, 20.59
CIE _{LCh}	83, 23.165, 62.724
Yxy	63.0881, 0.3700, 0.3617
Android (android.graphics.Color)	4294101162 (0xFFFF2C8AA)
YUV	209.1380, -19.2950, 28.8200
Hunter-Lab	79.4280, 6.0157, 20.6604

Details

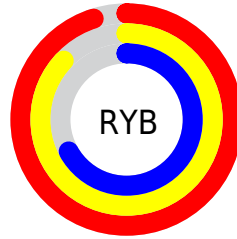
The XYZ color **64.5279, 63.0881, 46.8064** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1473, 62.0418, 93.0205**, and the grayscale version is **60.8019, 63.9684, 69.6616**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **33.5565, 32.1801, 21.5823** is the 20% darker color. If you saturate the color by 10%, you get **59.3269, 56.0184, 34.7990**, and if you desaturate by 10%, it is **70.4555, 70.9358, 61.1363**.

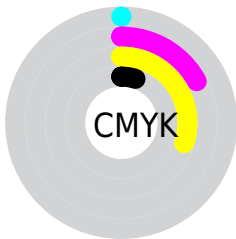
Distribution



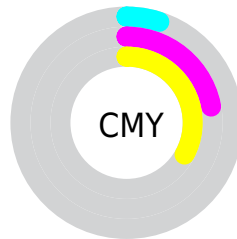
- Red (95%)
- Green (78%)
- Blue (67%)



- Red (95%)
- Yellow (87%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5279, 63.0881, 46.8064 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 64.5279, 63.0881, 46.8064 by changing the saturation by 10% instead.


 64.5279, 63.0881,
46.8064

 64.5279, 63.0881,
46.8064


430.6656,
435.8891, 390.4126

 47.3416, 45.9125,
32.5294


 110.4403,
109.2966, 86.7715

 33.5149, 32.1768,
21.4980


139.8972,
139.0983, 113.2967

 22.6823, 21.4966,
13.2937


174.1751,
173.8774, 144.7417

 14.4785, 13.4874,
7.4980

213.6392,
214.0185, 181.5250

 8.5381, 7.7651,
3.6923

258.6549,
259.9057, 224.0652

 4.4959, 3.9450,
1.4581

309.5877,

 1.9863, 1.6428,

311.9237, 272.7809

0.1864

366.8028,
370.4567, 328.0905

■ 0.6263, 0.3862,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5279, 63.0881,
46.8064

■ 64.5279, 63.0881,
46.8064

■ 59.3269, 56.0184,
34.7990

■ 70.4555, 70.9358,
61.1363

■ 54.8162, 49.6925,
24.9857

■ 77.1339, 79.5770,
77.9000

■ 50.9636, 44.0862,
17.2311

■ 84.5922, 89.0377,
97.2064

■ 47.7320, 39.1704,
11.3833

■ 90.4280, 97.6173,
108.6837

■ 45.0796, 34.9135,
7.2689

■ 42.9582, 31.2804,
4.6821

■ 41.2946, 28.2252,
3.2888

■ 41.2572, 28.1557,
3.2601

Harmonies

Analogous

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



68.5158, 63.0881, 54.7188



64.5279, 63.0881, 46.8064



59.5027, 63.0881, 44.4744

Triad

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



64.5279, 63.0881, 46.8064



50.7710, 63.0881, 70.0234



65.3716, 63.0881, 94.8667

Complementary

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



64.5279, 63.0881, 46.8064



56.1473, 62.0418, 93.0205

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.



60.4264, 63.0881, 100.4102



64.5279, 63.0881, 46.8064



52.1539, 63.0881, 84.8624

Square

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



64.5279, 63.0881, 46.8064



51.7342, 63.0881, 56.7111



55.6193, 63.0881, 96.5164



69.0219, 63.0881, 82.2521

Rectangle

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



64.5279, 63.0881, 46.8064



56.2873, 63.0881, 46.0867



55.6193, 63.0881, 96.5164



63.7961, 63.0881, 97.6931

Sweetspot

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



64.5295, 63.0910, 46.8077



87.4500, 90.3639, 89.2140



62.8768, 52.3808, 69.0844



18.4695, 19.0234, 18.4618



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.



64.5295, 63.0910, 46.8077



68.8621, 65.8980, 43.8345



73.8694, 81.7707, 49.9210



16.3140, 16.8411, 16.5405



22.2914, 15.3809, 1.7939



1.9505, 1.4716, 0.1812

Inverse Universe

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



56.1473, 62.0418, 93.0205



57.9420, 64.5212, 104.0077



48.1305, 46.0083, 90.3482



15.6633, 16.7606, 20.1312



13.8766, 13.9774, 47.0944



1.2524, 1.3588, 3.9505

Previews

White Background



This preview shows how the XYZ color 64.5279, 63.0881, 46.8064 looks on a white background.

Color Contrast Check

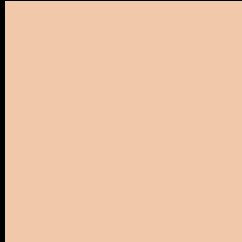
Large Text (above 18pt) WCAG AA × Fail

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 64.5279, 63.0881, 46.8064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

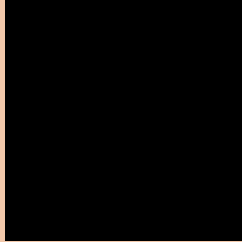
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5279, 63.0881, 46.8064

Background



This preview shows how black text looks on a background with the XYZ color 64.5279, 63.0881, 46.8064.



This preview shows how white text looks on a background with the XYZ color 64.5279, 63.0881,

46.8064.

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

64.5279, 63.0881, 46.8064

Protanopia

59.7111, 63.3834, 49.1315

Deuteranopia

64.5279, 63.0881, 46.8064



Tritanopia

68.8064, 62.7799, 68.8128

Trichromacy



Original Color

64.5279, 63.0881, 46.8064

Protanomaly

61.3691, 63.1738, 48.4944

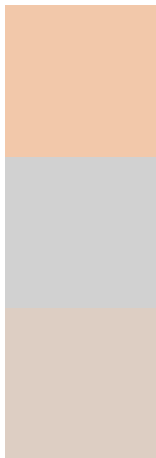
Deuteranomaly

64.5279, 63.0881, 46.8064

Tritanomaly

67.2464, 62.8325, 60.2134

Monochromacy



Original Color

64.5279, 63.0881, 46.8064

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.7404, 63.4549, 60.6237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5279, 63.0881, 46.8064 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, 200, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 200, 170)  
}
```

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, 200, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 200, 170) }
```

Border

The CSS property to change the border of an element to XYZ 64.5279, 63.0881, 46.8064 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, 200, 170) }
```


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

```
.border{ border-color:rgb(242, 200, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 200, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 200, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 200, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 200,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5279, 63.0881, 46.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 200, 170) }
```

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

```
.background{ background-color: rgb(242,  
200, 170) }
```

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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