

Converting Colors

XYZ(64.9750, 61.7439, 47.0494)

Have a look what the booklet for
XYZ(64.9750, 61.7439, 47.0494)
contains.

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Color

**XYZ(64.8718, 61.5633,
46.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C3AB
RGB	246, 195, 171
RGB Percent	96%, 76%, 67%
CMY	0.0353, 0.2353, 0.3294
CMYK	0.00, 0.21, 0.30, 0.04
HSL	19°, 81%, 82%
HSV	19°, 30%, 96%
XYZ	64.8718, 61.5633, 46.9919
YIQ	207.5130, 38.1000, 3.3480

Conversions

Conversions Part 2

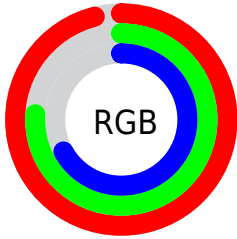
Format	Color
R _Y B	246, 206, 171
Decimal	16171947
CIE Lab	82.68, 14.88, 19.00
CIE LCh	83, 24.130, 51.932
Yxy	61.5633, 0.3741, 0.3550
Android (android.graphics.Color)	4294362027 (0xFFF6C3AB)
YUV	207.5130, -18.0009, 33.7531
Hunter-Lab	78.4623, 10.2729, 19.4142

Details

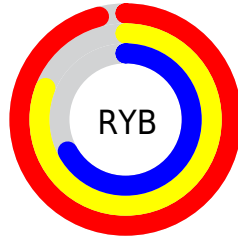
The XYZ color **64.8718, 61.5633, 46.9919** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5496, 67.5521, 97.0891**, and the grayscale version is **59.7359, 62.8468, 68.4401**.

A 20% lighter version of the original color is **89.7779, 96.3718, 85.8213**, and **33.5937, 31.0730, 21.6799** is the 20% darker color. If you saturate the color by 10%, you get **59.2018, 53.6330, 34.5901**, and if you desaturate by 10%, it is **71.4013, 70.5136, 61.8344**.

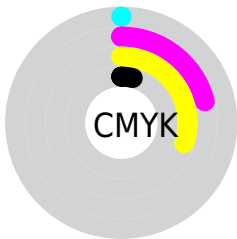
Distribution



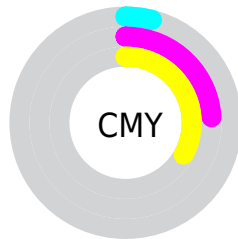
- Red (96%)
- Green (76%)
- Blue (67%)



- Red (96%)
- Yellow (81%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (4%)




- Cyan (4%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8718, 61.5633, 46.9919 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 64.8718, 61.5633, 46.9919 by changing the saturation by 10% instead.


 64.8718, 61.5633,
46.9919

 64.8718, 61.5633,
46.9919

431.8836,
430.3364, 391.1750

 47.6214, 44.6799,
32.6750


 110.9323,
107.0941, 87.0514

 33.7372, 31.2054,
21.6085


140.4731,
136.5104, 113.6310

 22.8537, 20.7553,
13.3739


174.8414,
170.8730, 145.1353

 14.6056, 12.9453,
7.5528

214.4027,
210.5665, 181.9827

 8.6276, 7.3909,
3.7265

259.5222,
255.9752, 224.5919

 4.5542, 3.7077,
1.4765

310.5652,

 2.0202, 1.5114,

307.4834, 273.3813

0.2004

367.8973,
365.4757, 328.7695

■ 0.6453, 0.2968,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.8718, 61.5633,
46.9919

■ 64.8718, 61.5633,
46.9919

■ 59.2018, 53.6330,
34.5901

■ 71.4013, 70.5136,
61.8344

■ 54.3485, 46.6767,
24.4930

■ 78.8209, 80.5105,
79.2360

■ 50.2722, 40.6577,
16.5567

■ 87.1657, 91.5903,
99.3121

■ 46.9278, 35.5333,
10.6195

■ 91.8161, 98.3329,
108.7487

■ 44.2650, 31.2570,
6.4967

■ 42.2254, 27.7775,
3.9679

■ 40.7831, 25.1469,
2.7043

Harmonies

Analogous

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



68.2466, 61.5633, 56.9335



64.8718, 61.5633, 46.9919



59.9229, 61.5633, 42.5732

Triad

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



64.8718, 61.5633, 46.9919



49.1975, 61.5633, 63.1084



62.3131, 61.5633, 97.1220

Complementary

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



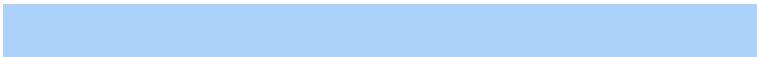
64.8718, 61.5633, 46.9919



59.5496, 67.5521, 97.0891

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.



57.1275, 61.5633, 99.4214



64.8718, 61.5633, 46.9919



49.7538, 61.5633, 78.2590

Square

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



64.8718, 61.5633, 46.9919



51.0188, 61.5633, 50.9393



52.5859, 61.5633, 92.0863



66.7097, 61.5633, 86.2004

Rectangle

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



64.8718, 61.5633, 46.9919



56.4791, 61.5633, 42.8204



52.5859, 61.5633, 92.0863



60.5973, 61.5633, 98.9877

Sweetspot

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



64.8734, 61.5662, 46.9932



86.7950, 89.0539, 88.9957



65.7877, 54.0067, 76.2404



18.3087, 18.7019, 18.4082



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.



64.8734, 61.5662, 46.9932



66.2399, 61.0164, 41.8427



74.2841, 80.3875, 50.1300



16.9321, 17.3483, 17.2537



21.8801, 13.6458, 1.4807



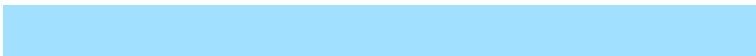
2.0120, 1.3772, 0.1598

Inverse Universe

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



59.5496, 67.5521, 97.0891



59.5491, 68.5040, 104.6918



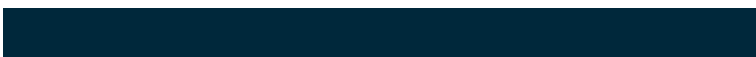
50.7265, 49.9059, 94.1481



16.5234, 17.8111, 21.1096



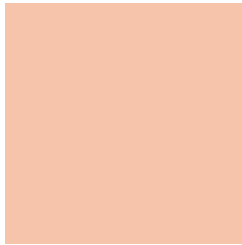
16.4128, 18.6193, 49.2669



1.5351, 1.8215, 4.3609

Previews

White Background



This preview shows how the XYZ color 64.8718, 61.5633, 46.9919 looks on a white background.

Color Contrast Check

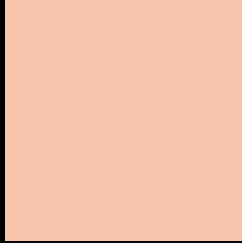
Large Text (above 18pt) WCAG AA × Fail

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 64.8718, 61.5633, 46.9919 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 64.8718, 61.5633, 46.9919

Background



This preview shows how black text looks on a background with the XYZ color 64.8718, 61.5633, 46.9919.



This preview shows how white text looks on a background with the XYZ color 64.8718, 61.5633,

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

64.8718, 61.5633, 46.9919

Protanopia

58.5231, 62.0289, 49.9626

Deuteranopia

62.7097, 61.4676, 46.5895



Tritanopia

68.8572, 61.5587, 66.0105

Trichromacy



Original Color

64.8718, 61.5633, 46.9919

Protanomaly

60.7554, 61.7910, 48.7691

Deuteranomaly

63.4976, 61.5356, 46.5611

Tritanomaly

67.5422, 61.6893, 58.7994

Monochromacy



Original Color

64.8718, 61.5633, 46.9919

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.3305, 62.1816, 60.3995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8718, 61.5633, 46.9919 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(246, 195, 171)` looks like.

```
.text, #text, p{  
    color:rgb(246, 195, 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(246, 195, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 195, 171) }
```

Border

The CSS property to change the border of an element to XYZ 64.8718, 61.5633, 46.9919 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(246, 195, 171) }
```


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

```
.border{ border-color:rgb(246, 195, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 195, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 195, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 195, 171);  
box-shadow:4px 4px 4px 4px rgb(246, 195,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8718, 61.5633, 46.9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 195, 171) }
```

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

```
.background{ background-color: rgb(246,  
195, 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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