

Converting Colors

XYZ(66.0773, 61.6195, 46.6946)

Have a look what the booklet for
XYZ(66.0773, 61.6195, 46.6946)
contains.

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Color

**XYZ(66.2043, 61.5894,
46.9267)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC1AB
RGB	251, 193, 171
RGB Percent	98%, 76%, 67%
CMY	0.0157, 0.2431, 0.3294
CMYK	0.00, 0.23, 0.32, 0.02
HSL	17°, 91%, 83%
HSV	17°, 32%, 98%
XYZ	66.2043, 61.5894, 46.9267
YIQ	207.8340, 41.6300, 5.4540

Conversions

Conversions Part 2

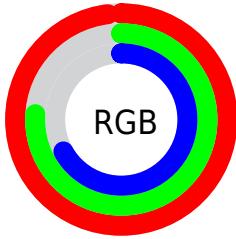
Format	Color
R _Y B	251, 201, 171
Decimal	16499115
CIE Lab	82.69, 17.81, 19.09
CIE LCh	83, 26.110, 46.985
Yxy	61.5894, 0.3789, 0.3525
Android (android.graphics.Color)	4294689195 (0xFFFBC1AB)
YUV	207.8340, -18.1592, 37.8566
Hunter-Lab	78.4789, 13.2433, 19.4826

Details

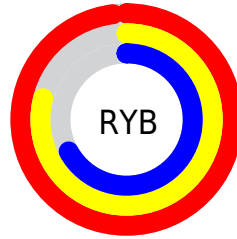
The XYZ color **66.2043, 61.5894, 46.9267** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.2256, 71.6593, 101.8189**, and the grayscale version is **59.9430, 63.0647, 68.6775**.

A 20% lighter version of the original color is **89.1531, 95.1222, 85.6131**, and **34.5547, 31.1346, 21.6411** is the 20% darker color. If you saturate the color by 10%, you get **60.2575, 53.1677, 34.2405**, and if you desaturate by 10%, it is **73.1036, 71.1885, 62.1730**.

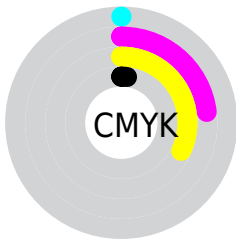
Distribution



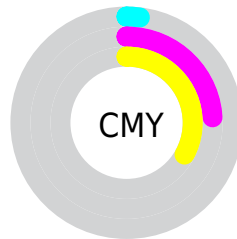
- Red (98%)
- Green (76%)
- Blue (67%)



- Red (98%)
- Yellow (79%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2043, 61.5894, 46.9267 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 66.2043, 61.5894, 46.9267 by changing the saturation by 10% instead.


 66.2043, 61.5894,
46.9267

 66.2043, 61.5894,
46.9267


436.5843,
430.4318, 390.9072

 48.7066, 44.7010,
32.6238


 112.8356,
107.1319, 86.9530

 34.6004, 31.2220,
21.5696

142.6999,
136.5548, 113.5135

 23.5203, 20.7679,
13.3457


177.4171,
170.9246, 144.9970

 15.1009, 12.9545,
7.5335

217.3526,
210.6258, 181.8219

 8.9770, 7.3972,
3.7145

262.8717,
256.0427, 224.4068

 4.7832, 3.7117,
1.4701

314.3398,

 2.1541, 1.5137,

307.5597, 273.1703

0.1955

372.1222,
365.5613, 328.5309

■ 0.7184, 0.2983,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2043, 61.5894,
46.9267

■ 66.2043, 61.5894,
46.9267

■ 60.2575, 53.1677,
34.2405

■ 73.1036, 71.1885,
62.1730

■ 55.2146, 45.8685,
23.9688

■ 80.9914, 81.9997,
80.1064

■ 51.0300, 39.6456,
15.9572

■ 89.9073, 94.0671,
100.8499

■ 47.6516, 34.4456,
10.0316

■ 93.5937, 99.2493,
108.8318

■ 45.0211, 30.2106,
5.9919

■ 43.0708, 26.8756,
3.5981

■ 41.9144, 24.7705,
2.5721

Harmonies

Analogous

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



69.4646, 61.5894, 58.4408



66.2043, 61.5894, 46.9267



61.0000, 61.5894, 41.2559

Triad

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



66.2043, 61.5894, 46.9267



48.6524, 61.5894, 60.3458



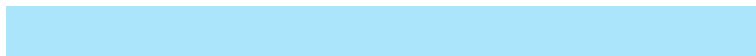
61.7444, 61.5894, 101.1283

Complementary

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



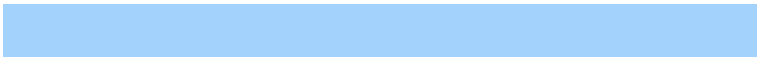
66.2043, 61.5894, 46.9267



62.2256, 71.6593, 101.8189

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.



56.1448, 61.5894, 101.8579



66.2043, 61.5894, 46.9267



48.8234, 61.5894, 76.4884

Square

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



66.2043, 61.5894, 46.9267



51.0060, 61.5894, 48.1288



51.4892, 61.5894, 92.2588



66.7791, 61.5894, 90.4008

Rectangle

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



66.2043, 61.5894, 46.9267



57.2378, 61.5894, 40.8494



51.4892, 61.5894, 92.2588



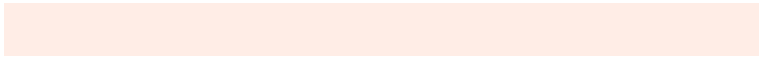
59.8595, 61.5894, 102.6049

Sweetspot

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



66.2059, 61.5923, 46.9279



85.5965, 87.2325, 86.8214



68.5832, 55.3302, 81.6832



18.0554, 18.3100, 17.9702



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.



66.2059, 61.5923, 46.9279



64.7176, 58.3270, 40.2401



76.0852, 81.3510, 50.2211



17.6331, 18.0021, 18.0078



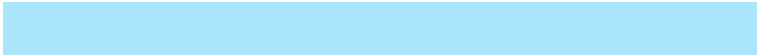
22.1356, 13.2279, 1.3866



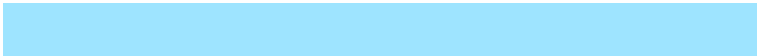
2.1347, 1.3942, 0.1566

Inverse Universe

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



62.2256, 71.6593, 101.8189



60.0090, 70.1768, 104.9904



52.5492, 52.3064, 98.5934



17.3385, 18.7538, 22.0913



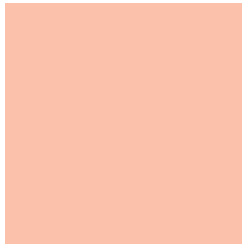
18.0694, 21.4944, 51.1700



1.7621, 2.1678, 4.7687

Previews

White Background



This preview shows how the XYZ color 66.2043, 61.5894, 46.9267 looks on a white background.

Color Contrast Check

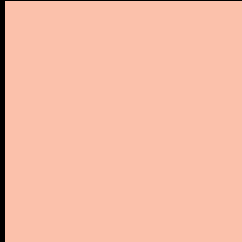
Large Text (above 18pt) WCAG AA × Fail

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 66.2043, 61.5894, 46.9267 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 66.2043, 61.5894, 46.9267

Background



This preview shows how black text looks on a background with the XYZ color 66.2043, 61.5894, 46.9267.



This preview shows how white text looks on a background with the XYZ color 66.2043, 61.5894,

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

66.2043, 61.5894, 46.9267

Protanopia

58.3260, 61.9159, 50.4718

Deuteranopia

63.0464, 61.6412, 46.6052



Tritanopia

69.6358, 61.3491, 64.6713

Trichromacy



Original Color

66.2043, 61.5894, 46.9267

Protanomaly

60.9376, 61.5264, 49.2215

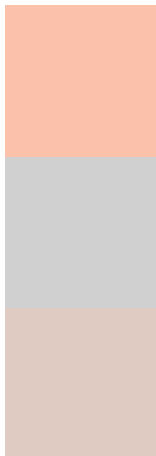
Deuteranomaly

63.9578, 61.4368, 46.5178

Tritanomaly

68.3254, 61.4711, 57.5542

Monochromacy



Original Color

66.2043, 61.5894, 46.9267

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.9467, 62.4993, 60.4284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2043, 61.5894, 46.9267 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(251, 193, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 193, 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(251, 193, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 193, 171) }
```

Border

The CSS property to change the border of an element to XYZ 66.2043, 61.5894, 46.9267 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(251, 193, 171) }
```


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

```
.border{ border-color:rgb(251, 193, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 193, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 193, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 193, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 193,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2043, 61.5894, 46.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 193, 171) }
```

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

```
.background{ background-color: rgb(251,  
193, 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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