

Converting Colors

XYZ(66.8773, 59.8258, 49.6552)

Have a look what the booklet for
XYZ(66.8773, 59.8258, 49.6552)
contains.

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Color

**XYZ(66.9461, 59.9750,
49.6429)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFBBB1 |
| RGB | 255, 187, 177 |
| RGB Percent | 100%, 73%, 69% |
| CMY | 0.0000, 0.2666, 0.3059 |
| CMYK | 0.00, 0.27, 0.31, 0.00 |
| HSL | 8°, 100%, 85% |
| HSV | 8°, 31%, 100% |
| XYZ | 66.9461, 59.9750, 49.6429 |
| YIQ | 206.1920, 43.7380, 11.3060 |

Conversions

Conversions Part 2

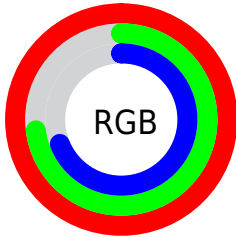
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 188, 177 |
| Decimal | 16759729 |
| CIE Lab | 81.82, 23.21, 14.73 |
| CIE LCh | 82, 27.491, 32.401 |
| Yxy | 59.9750, 0.3792, 0.3397 |
| Android (android.graphics.Color) | 4294949809 (0xFFFFBBB1) |
| YUV | 206.1920, -14.3917, 42.8046 |
| Hunter-Lab | 77.4435, 18.7782, 16.2044 |

Details

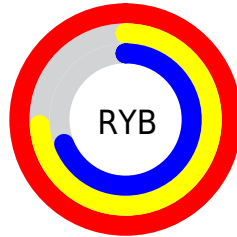
The XYZ color **66.9461, 59.9750, 49.6429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8327, 81.8690, 106.7822**, and the grayscale version is **58.8602, 61.9256, 67.4369**.

A 20% lighter version of the original color is **87.9986, 91.2444, 90.0647**, and **35.0516, 30.1006, 23.0314** is the 20% darker color. If you saturate the color by 10%, you get **60.2818, 50.3408, 36.0317**, and if you desaturate by 10%, it is **74.8185, 71.2647, 66.0010**.

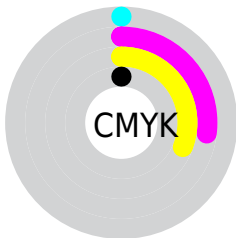
Distribution



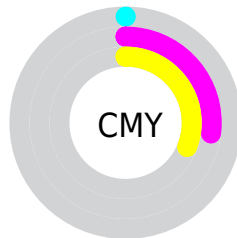
- Red (100%)
- Green (73%)
- Blue (69%)



- Red (100%)
- Yellow (74%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9461, 59.9750, 49.6429 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 66.9461, 59.9750, 49.6429 by changing the saturation by 10% instead.


 66.9461, 59.9750,
49.6429

 66.9461, 59.9750,
49.6429


439.1884,
424.5056, 401.9628

 49.3114, 43.3985,
34.7605


 113.8934,
104.7934, 91.0364

 35.0821, 30.1979,
23.1964


143.9367,
133.8041, 118.3846

 23.8929, 19.9888,
14.5319


178.8468,
167.7283, 150.7252

 15.3785, 12.3869,
8.3486

218.9892,
206.9503, 188.4768

 9.1735, 7.0078,
4.2279

264.7292,
251.8547, 232.0577

 4.9125, 3.4670,
1.7512

316.4322,

 2.2303, 1.3801,

302.8258, 281.8867

0.3954

374.4635,
360.2480, 338.3822

■ 0.7586, 0.2020,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.9461, 59.9750,
49.6429

■ 66.9461, 59.9750,
49.6429

■ 60.2818, 50.3408,
36.0317

■ 74.8185, 71.2647,
66.0010

■ 54.7608, 42.2760,
25.0130

■ 83.9499, 84.2738,
85.2417

■ 50.3196, 35.6998,
16.4229

■ 94.3943, 99.0732,
107.4959

■ 46.8862, 30.5203,
10.0767

■ 95.0500, 100.0000,
108.9000

■ 44.3799, 26.6358,
5.7637

■ 42.7070, 23.9302,
3.2323

■ 41.7758, 22.3317,
2.1086

Harmonies

Analogous

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



68.8858, 59.9750, 63.9739



66.9461, 59.9750, 49.6429



62.3275, 59.9750, 40.8948

Triad

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



66.9461, 59.9750, 49.6429



47.6833, 59.9750, 51.5981



57.4728, 59.9750, 102.6843

Complementary

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



66.9461, 59.9750, 49.6429



68.8327, 81.8690, 106.7822

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.



51.9934, 59.9750, 97.8857



66.9461, 59.9750, 49.6429



46.5744, 59.9750, 66.6496

Square

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



66.9461, 59.9750, 49.6429



51.2362, 59.9750, 41.8819



48.0992, 59.9750, 83.9511



63.1901, 59.9750, 96.1439

Rectangle

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



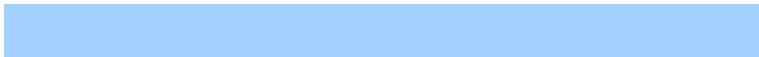
66.9461, 59.9750, 49.6429



58.4916, 59.9750, 38.4893



48.0992, 59.9750, 83.9511



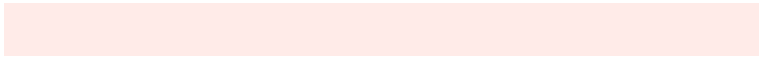
55.5427, 59.9750, 102.3434

Sweetspot

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



66.9477, 59.9778, 49.6441



85.5192, 86.5022, 88.5704



73.5817, 59.3526, 94.6865



17.9965, 18.0776, 18.3042



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.



66.9477, 59.9778, 49.6441



62.5384, 53.6132, 40.6089



76.1284, 78.3392, 52.7043



18.1971, 18.3624, 18.7295



21.8865, 11.7842, 1.1210



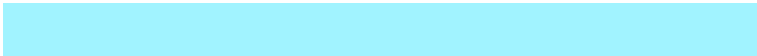
2.1869, 1.2591, 0.1278

Inverse Universe

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



68.8327, 81.8690, 106.7822



64.6974, 78.8006, 106.4079



58.4706, 61.1449, 103.3282



18.3444, 20.0604, 23.1551



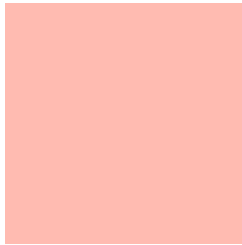
23.1986, 31.3068, 54.2547



2.3119, 3.1544, 5.3003

Previews

White Background



This preview shows how the XYZ color 66.9461, 59.9750, 49.6429 looks on a white background.

Color Contrast Check

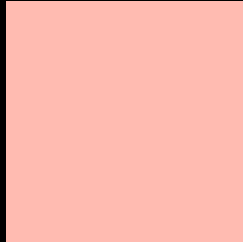
Large Text (above 18pt) WCAG AA × Fail

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 66.9461, 59.9750, 49.6429 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 66.9461, 59.9750, 49.6429

Background



This preview shows how black text looks on a background with the XYZ color 66.9461, 59.9750, 49.6429.



This preview shows how white text looks on a background with the XYZ color 66.9461, 59.9750,

49.6429.

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

66.9461, 59.9750, 49.6429

Protanopia

57.2643, 60.2117, 54.5028

Deuteranopia

61.4095, 60.0674, 48.9150



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

66.9461, 59.9750, 49.6429

Protanomaly

60.4047, 59.8039, 52.6156

Deuteranomaly

63.5244, 60.1518, 49.3366

Tritanomaly

68.0932, 60.0955, 56.7259

Monochromacy



Original Color

66.9461, 59.9750, 49.6429

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.0142, 60.6343, 60.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9461, 59.9750, 49.6429 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(255, 187, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 177)  
}
```

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(255, 187, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 177) }
```

Border

The CSS property to change the border of an element to XYZ 66.9461, 59.9750, 49.6429 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(255, 187, 177) }
```


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

```
.border{ border-color:rgb(255, 187, 177) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9461, 59.9750, 49.6429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 177) }
```

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

```
.background{ background-color: rgb(255,  
187, 177) }
```

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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