

Converting Colors

XYZ(75.1394, 62.8605, 49.7758)

Have a look what the booklet for
XYZ(75.1394, 62.8605, 49.7758)
contains.

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Color

**XYZ(66.1093, 58.3013,
49.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B1
RGB	255, 183, 177
RGB Percent	100%, 72%, 69%
CMY	0.0000, 0.2823, 0.3059
CMYK	0.00, 0.28, 0.31, 0.00
HSL	5°, 100%, 85%
HSV	5°, 31%, 100%
XYZ	66.1093, 58.3013, 49.3639
YIQ	203.8440, 44.8380, 13.3980

Conversions

Conversions Part 2

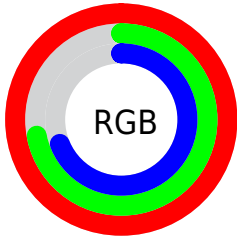
Format	Color
R _Y B	255, 184, 177
Decimal	16758705
CIE Lab	80.91, 25.31, 13.44
CIE LCh	81, 28.655, 27.963
Yxy	58.3013, 0.3804, 0.3355
Android (android.graphics.Color)	4294948785 (0xFFFFB7B1)
YUV	203.8440, -13.2341, 44.8638
Hunter-Lab	76.3553, 20.9256, 15.1176

Details

The XYZ color **66.1093, 58.3013, 49.3639** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0559, 84.3155, 107.1899**, and the grayscale version is **57.3584, 60.3455, 65.7162**.

A 20% lighter version of the original color is **86.8145, 88.8762, 89.6700**, and **34.6467, 29.2908, 22.8964** is the 20% darker color. If you saturate the color by 10%, you get **59.3458, 48.4688, 35.7196**, and if you desaturate by 10%, it is **74.1625, 69.9527, 65.7823**.

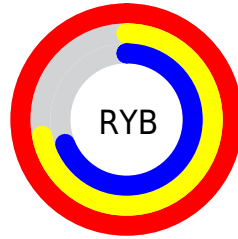
Distribution



Red (100%)

Green (72%)

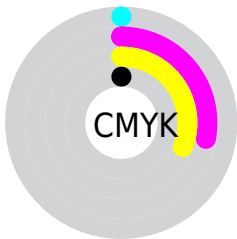
Blue (69%)



Red (100%)

Yellow (72%)

Blue (69%)

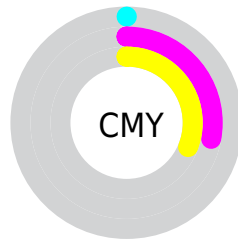


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1093, 58.3013, 49.3639 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 66.1093, 58.3013, 49.3639 by changing the saturation by 10% instead.

 66.1093, 58.3013,
49.3639

 66.1093, 58.3013,
49.3639


436.2502,
418.3077, 400.8367

 48.6292, 42.0509,
34.5406


 112.7001,
102.3615, 90.6183

 34.5387, 29.1412,
23.0285


142.5414,
130.9401, 117.8864

 23.4726, 19.1876,
14.4091

177.2338,
164.3969, 150.1399

 15.0655, 11.8059,
8.2637

217.1427,
203.1163, 187.7973

 8.9520, 6.6117,
4.1740

262.6335,
247.4827, 231.2772

 4.7667, 3.2205,
1.7213

314.0714,

 2.1444, 1.2479,

297.8804, 280.9980

0.3752

371.8218,
354.6940, 337.3783

0.7132, 0.1003,
0.0000

0.0000, 0.0000,
0.0000

66.1093, 58.3013,
49.3639

66.1093, 58.3013,
49.3639

59.3458, 48.4688,
35.7196

74.1625, 69.9527,
65.7823

53.8007, 40.3558,
24.6930

83.5629, 83.4997,
85.1126

49.4026, 33.8658,
16.1172

94.3699, 99.0244,
107.4876

46.0707, 28.8894,
9.8049

95.0500, 100.0000,
108.9000

■ 43.7139, 25.3038,
5.5416

■ 42.2253, 22.9667,
3.0717

■ 41.4837, 21.7474,
2.0112

Harmonies

Analogous

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



67.6101, 58.3013, 64.6484



66.1093, 58.3013, 49.3639



61.6862, 58.3013, 39.6232

Triad

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



66.1093, 58.3013, 49.3639



46.2974, 58.3013, 47.6828



55.0092, 58.3013, 102.0351

Complementary

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



66.1093, 58.3013, 49.3639



70.0559, 84.3155, 107.1899

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.



49.5814, 58.3013, 95.3878



66.1093, 58.3013, 49.3639



44.7799, 58.3013, 62.3262

Square

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



66.1093, 58.3013, 49.3639



50.2363, 58.3013, 38.7813



45.9387, 58.3013, 80.0597



60.9350, 58.3013, 96.9191

Rectangle

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



66.1093, 58.3013, 49.3639



57.8262, 58.3013, 36.5953



45.9387, 58.3013, 80.0597



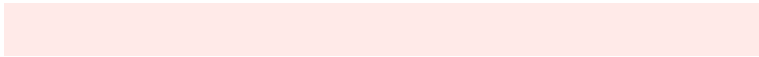
53.0691, 58.3013, 101.0810

Sweetspot

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



66.1108, 58.3040, 49.3651



85.1833, 85.8305, 88.4585



74.1864, 59.5944, 97.8710



17.9146, 17.9137, 18.2768



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.



66.1108, 58.3040, 49.3651



61.6290, 51.7944, 40.3057



75.0854, 76.2533, 52.3566



18.1217, 18.2116, 18.7044



21.7157, 11.4427, 1.0641



2.1514, 1.1882, 0.1159

Inverse Universe

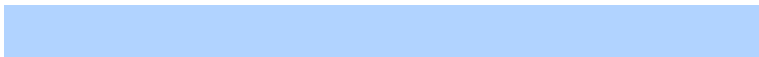
The Inverse Universe completely reimagines the original color for something new.



70.0559, 84.3155, 107.1899



66.1638, 81.7333, 106.8967



59.4266, 63.0569, 103.6468



18.4282, 20.2279, 23.1831



25.0601, 35.0298, 54.8752



2.4742, 3.4790, 5.3544

Previews

White Background



This preview shows how the XYZ color 66.1093, 58.3013, 49.3639 looks on a white background.

Color Contrast Check

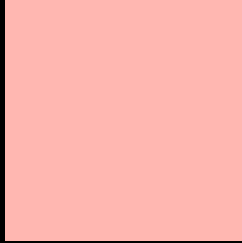
Large Text (above 18pt) WCAG AA × Fail

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 66.1093, 58.3013, 49.3639 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 66.1093, 58.3013, 49.3639

Background



This preview shows how black text looks on a background with the XYZ color 66.1093, 58.3013, 49.3639.



This preview shows how white text looks on a background with the XYZ color 66.1093, 58.3013,

49.3639.

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

66.1093, 58.3013, 49.3639

Protanopia

55.7620, 58.7284, 54.8511

Deuteranopia

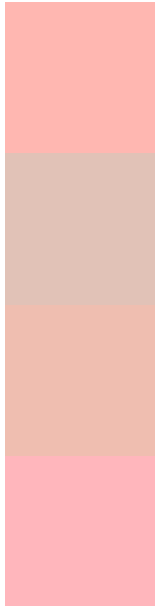
59.6628, 58.5017, 48.7048



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

66.1093, 58.3013, 49.3639

Protanomaly

58.8904, 58.0100, 52.8929

Deuteranomaly

61.8465, 58.3122, 49.0700

Tritanomaly

67.0450, 58.3467, 55.3053

Monochromacy



Original Color

66.1093, 58.3013, 49.3639

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.9090, 59.0629, 59.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1093, 58.3013, 49.3639 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, 183, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 177) }
```

Border

The CSS property to change the border of an element to XYZ 66.1093, 58.3013, 49.3639 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, 183, 177) }
```


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

```
.border{ border-color:rgb(255, 183, 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, 183, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1093, 58.3013, 49.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 177) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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