

Converting Colors

XYZ(66.6411, 59.1243, 50.2829)

Have a look what the booklet for
XYZ(66.6411, 59.1243, 50.2829)
contains.

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Color

**XYZ(66.7256, 59.2126,
50.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9B3
RGB	255, 185, 179
RGB Percent	100%, 73%, 70%
CMY	0.0000, 0.2745, 0.2980
CMYK	0.00, 0.27, 0.30, 0.00
HSL	5°, 100%, 85%
HSV	5°, 30%, 100%
XYZ	66.7256, 59.2126, 50.5602
YIQ	205.2460, 43.6460, 12.9740

Conversions

Conversions Part 2

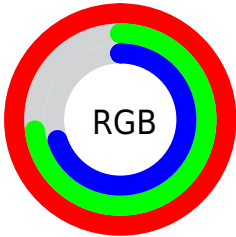
Format	Color
R _Y B	255, 186, 179
Decimal	16759219
CIE Lab	81.41, 24.52, 13.07
CIE LCh	81, 27.783, 28.064
Yxy	59.2126, 0.3781, 0.3355
Android (android.graphics.Color)	4294949299 (0xFFFFB9B3)
YUV	205.2460, -12.9393, 43.6343
Hunter-Lab	76.9497, 20.1211, 14.9080

Details

The XYZ color **66.7256, 59.2126, 50.5602** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5148, 84.5521, 107.2114**, and the grayscale version is **58.2466, 61.2799, 66.7338**.

A 20% lighter version of the original color is **87.6907, 90.1688, 91.3798**, and **34.9082, 29.6093, 23.6140** is the 20% darker color. If you saturate the color by 10%, you get **59.8675, 49.2489, 36.7052**, and if you desaturate by 10%, it is **74.8753, 70.9956, 67.1997**.

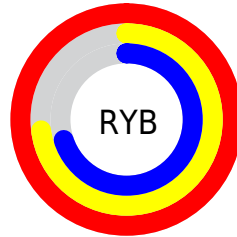
Distribution



Red (100%)

Green (73%)

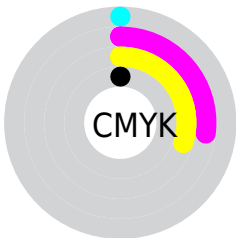
Blue (70%)



Red (100%)

Yellow (73%)

Blue (70%)

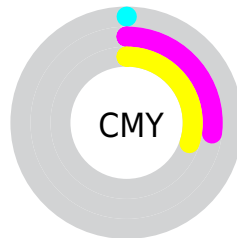


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7256, 59.2126, 50.5602 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 66.7256, 59.2126, 50.5602 by changing the saturation by 10% instead.


 66.7256, 59.2126,
50.5602

 66.7256, 59.2126,
50.5602


438.4153,
421.6893, 405.6503

 49.1315, 42.7843,
35.4844


 113.5791,
103.6866, 92.4092

 34.9388, 29.7159,
23.7497


143.5693,
132.5011, 120.0195

 23.7820, 19.6230,
14.9376


178.4222,
166.2130, 152.6450

 15.2959, 12.1213,
8.6295

218.5032,
205.2069, 190.7043

 9.1150, 6.8264,
4.4068

264.1776,
249.8671, 234.6160

 4.8740, 3.3537,
1.8511

315.8109,

 2.2075, 1.3191,

300.5779, 284.7985

0.4613

373.7683,
357.7239, 341.6704

■ 0.7467, 0.1559,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7256, 59.2126,
50.5602

■ 66.7256, 59.2126,
50.5602

■ 59.8675, 49.2489,
36.7052

■ 74.8753, 70.9956,
67.1997

■ 54.2301, 41.0059,
25.4793

■ 84.3732, 84.6734,
86.7606

■ 49.7429, 34.3887,
16.7171

95.0500, 100.0000,
108.9000

■ 46.3263, 29.2893,
10.2332

■ 43.8905, 25.5872,
5.8158

■ 42.3307, 23.1431,
3.2134

■ 41.5038, 21.7832,
2.0315

■ 41.4928, 21.7656,
2.0143

Harmonies

Analogous

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



68.2007, 59.2126, 65.5594



66.7256, 59.2126, 50.5602



62.3990, 59.2126, 40.9520

Triad

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



66.7256, 59.2126, 50.5602



47.3208, 59.2126, 48.9847



55.9032, 59.2126, 102.0303

Complementary

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



66.7256, 59.2126, 50.5602



70.5148, 84.5521, 107.2114

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.



50.5743, 59.2126, 95.6174



66.7256, 59.2126, 50.5602



45.8358, 59.2126, 63.3976

Square

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



66.7256, 59.2126, 50.5602



51.1855, 59.2126, 40.1585



46.9854, 59.2126, 80.7279



61.7014, 59.2126, 97.0300

Rectangle

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



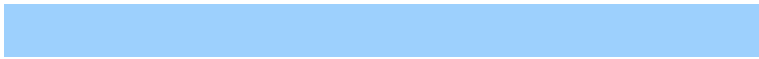
66.7256, 59.2126, 50.5602



58.6222, 59.2126, 37.9605



46.9854, 59.2126, 80.7279



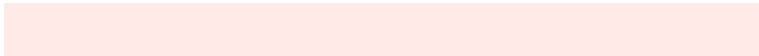
54.0006, 59.2126, 101.1184

Sweetspot

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



66.7272, 59.2154, 50.5614



85.1965, 85.8569, 88.4629



74.6053, 60.3987, 98.1138



17.9178, 17.9201, 18.2779



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.



66.7272, 59.2154, 50.5614



62.3287, 52.8314, 41.6568



75.5160, 76.7930, 53.4910



18.1247, 18.2175, 18.7054



21.7212, 11.4536, 1.0659



2.1528, 1.1910, 0.1164

Inverse Universe

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



70.5148, 84.5521, 107.2114



66.6847, 82.0066, 106.9219



60.1678, 63.8579, 103.7624



18.4248, 20.2213, 23.1820



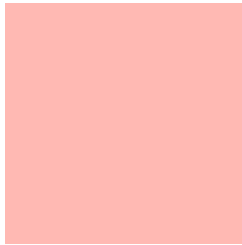
24.9840, 34.8775, 54.8498



2.4676, 3.4658, 5.3522

Previews

White Background



This preview shows how the XYZ color 66.7256, 59.2126, 50.5602 looks on a white background.

Color Contrast Check

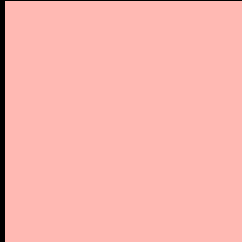
Large Text (above 18pt) WCAG AA × Fail

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 66.7256, 59.2126, 50.5602 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 66.7256, 59.2126, 50.5602

Background



This preview shows how black text looks on a background with the XYZ color 66.7256, 59.2126, 50.5602.



This preview shows how white text looks on a background with the XYZ color 66.7256, 59.2126,

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

66.7256, 59.2126, 50.5602

Protanopia

56.7760, 59.5735, 56.0834

Deuteranopia

60.4059, 59.1935, 49.8367



Tritanopia

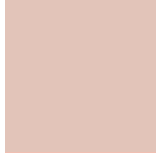
68.2515, 59.1582, 60.6447

Trichromacy



Original Color

66.7256, 59.2126, 50.5602



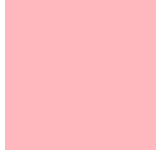
Protanomaly

59.8609, 59.1514, 54.1613



Deuteranomaly

62.6019, 59.0012, 50.2084



Tritanomaly

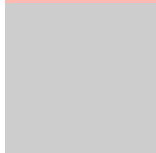
67.6748, 59.2587, 56.5864

Monochromacy



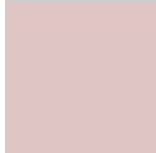
Original Color

66.7256, 59.2126, 50.5602



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

60.5893, 60.0617, 60.6242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7256, 59.2126, 50.5602 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, 185, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 179)  
}
```

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, 185, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 179) }
```

Border

The CSS property to change the border of an element to XYZ 66.7256, 59.2126, 50.5602 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, 185, 179) }
```


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

```
.border{ border-color:rgb(255, 185, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7256, 59.2126, 50.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 179) }
```

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

```
.background{ background-color: rgb(255,  
185, 179) }
```

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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