

Converting Colors

XYZ(90.7753, 64.8641, 57.5115)

Have a look what the booklet for
XYZ(90.7753, 64.8641, 57.5115)
contains.

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Color

**XYZ(63.6748, 50.9064,
56.3391)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2C0
RGB	255, 162, 192
RGB Percent	100%, 64%, 75%
CMY	0.0000, 0.3647, 0.2471
CMYK	0.00, 0.36, 0.25, 0.00
HSL	341°, 100%, 82%
HSV	341°, 36%, 100%
XYZ	63.6748, 50.9064, 56.3391
YIQ	193.2270, 45.7980, 29.0460

Conversions

Conversions Part 2

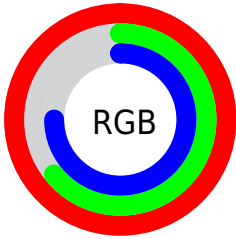
Format	Color
R_{YB}	255, 162, 192
Decimal	16753344
CIE _{Lab}	76.62, 38.27, -0.87
CIE _{LCh}	77, 38.278, 358.698
Yxy	50.9064, 0.3725, 0.2978
Android (android.graphics.Color)	4294943424 (0xFFFFA2C0)
YUV	193.2270, -0.6049, 54.1749
Hunter-Lab	71.3487, 34.4411, 3.1269

Details

The XYZ color **63.6748, 50.9064, 56.3391** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.2529, 84.6386, 84.1883**, and the grayscale version is **50.8078, 53.4537, 58.2111**.

A 20% lighter version of the original color is **83.2547, 78.1801, 99.5092**, and **32.8938, 24.5371, 27.4285** is the 20% darker color. If you saturate the color by 10%, you get **57.8266, 42.0957, 45.4940**, and if you desaturate by 10%, it is **70.6608, 61.6330, 68.6732**.

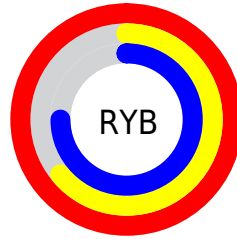
Distribution



Red (100%)

Green (64%)

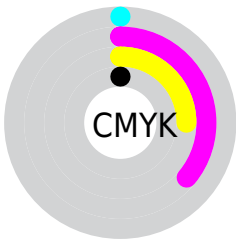
Blue (75%)



Red (100%)

Yellow (64%)

Blue (75%)

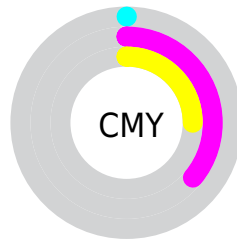


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6748, 50.9064, 56.3391 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 63.6748, 50.9064, 56.3391 by changing the saturation by 10% instead.

 63.6748, 50.9064,
56.3391


 63.6748, 50.9064,
56.3391


427.6352,
390.2000, 428.3923

 46.6480, 36.1341,
40.0690

 109.2188, 91.5164,
100.9909

 32.9643, 24.5378,
27.2782


 138.4668,
118.1229, 130.2098

 22.2582, 15.7330,
17.5480


172.5192,
149.4430, 164.5820

 14.1644, 9.3354,
10.4599

211.7414,
185.8609, 204.5261

 8.3176, 4.9606,
5.5954

256.4987,
227.7612, 250.4607

 4.3523, 2.2242,
2.5359

307.1566,

 1.9033, 0.7331,

275.5283, 302.8042

0.8591

364.0803,
329.5464, 361.9753

■ 0.5788, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6748, 50.9064,
56.3391

■ 63.6748, 50.9064,
56.3391

■ 57.8266, 42.0957,
45.4940

■ 70.6608, 61.6330,
68.6732

■ 53.0495, 35.0800,
36.0757

■ 78.8391, 74.3730,
82.5489

■ 49.2751, 29.7357,
28.0215

■ 88.2649, 89.2254,
98.0199

■ 46.4251, 25.9200,
21.2626

95.0500, 100.0000,
108.9000

■ 44.4087, 23.4661,
15.7227

■ 43.1138, 22.1659,
11.3150

■ 42.7725, 21.8730,
10.0001

Harmonies

Analogous

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



61.2771, 50.9064, 78.8224



63.6748, 50.9064, 56.3391



61.6481, 50.9064, 38.4075

Triad

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



63.6748, 50.9064, 56.3391



42.0051, 50.9064, 27.3023



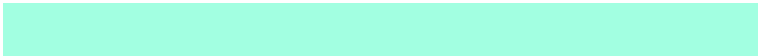
41.5086, 50.9064, 96.9353

Complementary

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



63.6748, 50.9064, 56.3391



64.2529, 84.6386, 84.1883

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.



37.1753, 50.9064, 76.8551



63.6748, 50.9064, 56.3391



37.4412, 50.9064, 37.1922

Square

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



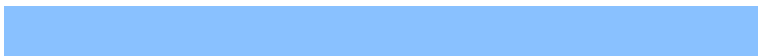
63.6748, 50.9064, 56.3391



48.7020, 50.9064, 24.3671



35.7625, 50.9064, 54.5276



48.0694, 50.9064, 105.5872

Rectangle

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



63.6748, 50.9064, 56.3391



58.1643, 50.9064, 30.5539



35.7625, 50.9064, 54.5276



39.7683, 50.9064, 91.0863

Sweetspot

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



63.6760, 50.9087, 56.3401



83.8354, 82.2268, 90.8077



61.7126, 48.9105, 100.7958



17.6715, 17.1703, 18.9886



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.



63.6760, 50.9087, 56.3401



59.1681, 44.0992, 48.0359



63.5843, 55.5131, 41.5492



18.2508, 18.0836, 19.9381



22.4097, 11.4532, 5.5421



2.2295, 1.1342, 0.7898

Inverse Universe

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



63.6760, 50.9087, 56.3401



59.1681, 44.0992, 48.0359



63.9650, 76.9288, 106.0852



18.2508, 18.0836, 19.9381



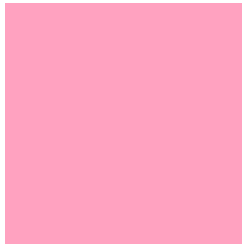
22.4097, 11.4532, 5.5421



2.2295, 1.1342, 0.7898

Previews

White Background



This preview shows how the XYZ color 63.6748, 50.9064, 56.3391 looks on a white background.

Color Contrast Check

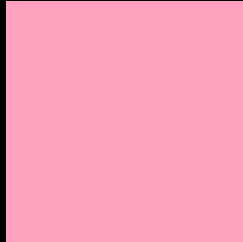
Large Text (above 18pt) WCAG AA × Fail

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 63.6748, 50.9064, 56.3391 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 63.6748, 50.9064, 56.3391

Background



This preview shows how black text looks on a background with the XYZ color 63.6748, 50.9064, 56.3391.



This preview shows how white text looks on a background with the XYZ color 63.6748, 50.9064,

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

63.6748, 50.9064, 56.3391

Protanopia

50.1074, 51.2119, 66.9184

Deuteranopia

52.0230, 50.9077, 54.6612



Tritanopia

61.8990, 50.9672, 48.1702

Trichromacy



Original Color

63.6748, 50.9064, 56.3391



Protanomaly

53.9321, 50.5015, 62.7824



Deuteranomaly

55.5666, 50.3416, 54.9323



Tritanomaly

62.5920, 50.9991, 50.8008

Monochromacy



Original Color

63.6748, 50.9064, 56.3391



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.6725, 51.9051, 57.5892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6748, 50.9064, 56.3391 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, 162, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 192)  
}
```

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, 162, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 192) }
```

Border

The CSS property to change the border of an element to XYZ 63.6748, 50.9064, 56.3391 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, 162, 192) }
```


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

```
.border{ border-color:rgb(255, 162, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6748, 50.9064, 56.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 192) }
```

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

```
.background{ background-color: rgb(255,  
162, 192) }
```

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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