

Converting Colors

XYZ(64.6853, 53.8963, 53.6894)

Have a look what the booklet for
XYZ(64.6853, 53.8963, 53.6894)
contains.

XYZ(64.6658, 53.9310, 53.4558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.6658, 53.9310,
53.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABBA
RGB	255, 171, 186
RGB Percent	100%, 67%, 73%
CMY	0.0000, 0.3294, 0.2706
CMYK	0.00, 0.33, 0.27, 0.00
HSL	349°, 100%, 84%
HSV	349°, 33%, 100%
XYZ	64.6658, 53.9310, 53.4558
YIQ	197.8260, 45.2490, 22.4730

Conversions

Conversions Part 2

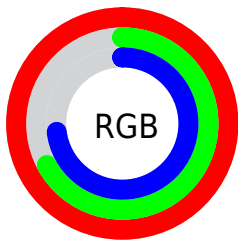
Format	Color
R _Y B	255, 171, 186
Decimal	16755642
CIE Lab	78.42, 32.77, 5.02
CIE LCh	78, 33.153, 8.708
Yxy	53.9310, 0.3758, 0.3135
Android (android.graphics.Color)	4294945722 (0xFFFFABBA)
YUV	197.8260, -5.8302, 50.1416
Hunter-Lab	73.4377, 28.6627, 8.2488

Details

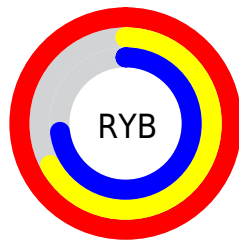
The XYZ color **64.6658, 53.9310, 53.4558** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2850, 86.4703, 95.5338**, and the grayscale version is **53.5872, 56.3779, 61.3955**.

A 20% lighter version of the original color is **84.7361, 82.6090, 95.4835**, and **33.7380, 26.5206, 25.5311** is the 20% darker color. If you saturate the color by 10%, you get **58.2394, 44.3845, 41.1203**, and if you desaturate by 10%, it is **72.3506, 65.4713, 67.8226**.

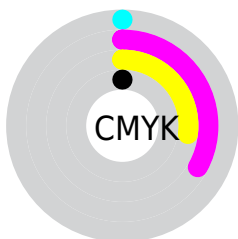
Distribution



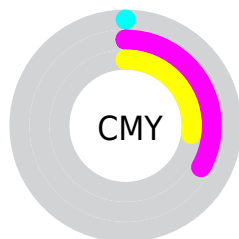
- Red (100%)
- Green (67%)
- Blue (73%)



- Red (100%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6658, 53.9310, 53.4558 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 64.6658, 53.9310, 53.4558 by changing the saturation by 10% instead.


 64.6658, 53.9310,
53.4558

 64.6658, 53.9310,
53.4558


431.1542,
401.8468, 417.1472

 47.4538, 38.5465,
37.7765


 110.6376, 95.9729,
96.7231

 33.6040, 26.4071,
25.5088


140.1282,
123.3991, 125.1482

 22.7510, 17.1285,
16.2341


174.4424,
155.6081, 158.6589

 14.5294, 10.3261,
9.5338

213.9454,
192.9841, 197.6740

 8.5740, 5.6157,
4.9894

259.0028,
235.9115, 242.6118

 4.5192, 2.6129,
2.1824


309.9798,

 1.9999, 0.9331,

284.7749, 293.8909


0.6642


367.2419,
339.9585, 351.9298


 0.6339, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 64.6658, 53.9310,
53.4558


 64.6658, 53.9310,
53.4558


 58.2394, 44.3845,
41.1203

 72.3506, 65.4713,
67.8226

 52.9994, 36.7114,
30.7205

 81.3523, 79.1017,
84.3040

 48.8729, 30.7898,
22.1579

 91.7305, 94.9216,
102.9822

 45.7772, 26.4805,
15.3236

95.0500, 100.0000,
108.9000

■ 43.6175, 23.6228,
10.0971

■ 42.2804, 22.0224,
6.3410

■ 41.7238, 21.4535,
4.4776

Harmonies

Analogous

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



63.8397, 53.9310, 72.7357



64.6658, 53.9310, 53.4558



61.6694, 53.9310, 39.0227

Triad

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



64.6658, 53.9310, 53.4558



43.8185, 53.9310, 34.9398



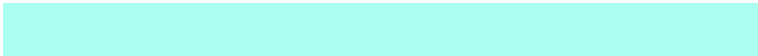
46.8444, 53.9310, 98.8921

Complementary

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



64.6658, 53.9310, 53.4558



68.2850, 86.4703, 95.5338

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.



42.0929, 53.9310, 84.1349



64.6658, 53.9310, 53.4558



40.4516, 53.9310, 46.6343

Square

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



64.6658, 53.9310, 53.4558



49.3865, 53.9310, 29.9193



39.8478, 53.9310, 64.3225



53.1799, 53.9310, 101.8009

Rectangle

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



64.6658, 53.9310, 53.4558



58.0452, 53.9310, 33.0905



39.8478, 53.9310, 64.3225



45.0249, 53.9310, 95.0228

Sweetspot

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



64.6672, 53.9335, 53.4569



84.2567, 83.5192, 89.5613



68.4141, 54.8038, 101.5801



17.7339, 17.4193, 18.6265



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.



64.6672, 53.9335, 53.4569



60.0019, 46.9907, 44.5403



68.6951, 64.4081, 47.3427



18.1417, 18.0400, 19.3636



21.8396, 11.2251, 2.5397



2.1608, 1.1067, 0.4280

Inverse Universe

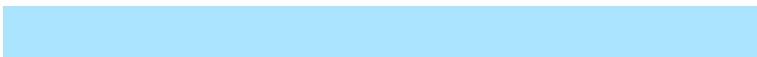
The Inverse Universe completely reimagines the original color for something new.



64.6672, 53.9335, 53.4569



60.0019, 46.9907, 44.5403



62.7002, 71.5870, 105.1208



18.1417, 18.0400, 19.3636



21.8396, 11.2251, 2.5397



2.1608, 1.1067, 0.4280

Previews

White Background



This preview shows how the XYZ color 64.6658, 53.9310, 53.4558 looks on a white background.

Color Contrast Check

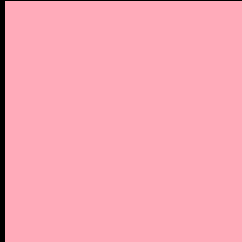
Large Text (above 18pt) WCAG AA × Fail

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 64.6658, 53.9310, 53.4558 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 64.6658, 53.9310, 53.4558

Background



This preview shows how black text looks on a background with the XYZ color 64.6658, 53.9310, 53.4558.



This preview shows how white text looks on a background with the XYZ color 64.6658, 53.9310,

53.4558.

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

64.6658, 53.9310, 53.4558

Protanopia

52.4047, 54.1338, 61.7197

Deuteranopia

55.1457, 54.1371, 52.3427



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

64.6658, 53.9310, 53.4558

Protanomaly

56.0000, 53.4984, 58.4136

Deuteranomaly

58.3347, 53.9055, 52.6776

Tritanomaly

64.5599, 53.8886, 52.8978

Monochromacy



Original Color

64.6658, 53.9310, 53.4558

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.9342, 54.9216, 58.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6658, 53.9310, 53.4558 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, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 186)  
}
```

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, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 64.6658, 53.9310, 53.4558 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, 171, 186) }
```


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

```
.border{ border-color:rgb(255, 171, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 171, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6658, 53.9310, 53.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 186) }
```

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

```
.background{ background-color: rgb(255,  
171, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor