

Converting Colors

XYZ(109.5496, 74.9143,
60.1862)

Have a look what the booklet for
XYZ(109.5496, 74.9143, 60.1862)
contains.

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Color

**XYZ(64.3658, 51.7510,
58.2263)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4C3
RGB	255, 164, 195
RGB Percent	100%, 64%, 76%
CMY	0.0000, 0.3568, 0.2353
CMYK	0.00, 0.36, 0.24, 0.00
HSL	340°, 100%, 82%
HSV	340°, 36%, 100%
XYZ	64.3658, 51.7510, 58.2263
YIQ	194.7430, 44.2850, 28.9330

Conversions

Conversions Part 2

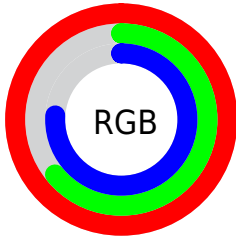
Format	Color
R _Y B	255, 164, 195
Decimal	16753859
CIE Lab	77.13, 37.65, -1.76
CIE LCh	77, 37.690, 357.316
Yxy	51.7510, 0.3692, 0.2968
Android (android.graphics.Color)	4294943939 (0xFFFFFA4C3)
YUV	194.7430, 0.1267, 52.8454
Hunter-Lab	71.9382, 33.8189, 2.3678

Details

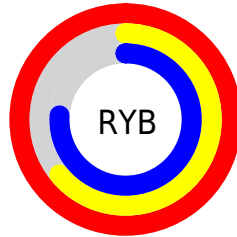
The XYZ color **64.3658, 51.7510, 58.2263** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.5264, 84.7953, 83.4909**, and the grayscale version is **51.7008, 54.3933, 59.2343**.

A 20% lighter version of the original color is **84.2458, 79.4114, 102.1545**, and **33.5181, 25.1623, 28.2895** is the 20% darker color. If you saturate the color by 10%, you get **58.4560, 42.8044, 47.3992**, and if you desaturate by 10%, it is **71.4070, 62.6175, 70.4880**.

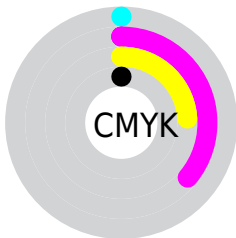
Distribution



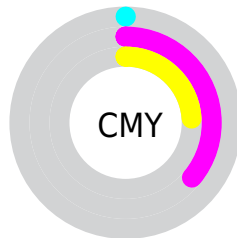
- Red (100%)
- Green (64%)
- Blue (76%)



- Red (100%)
- Yellow (64%)
- Blue (76%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3658, 51.7510, 58.2263 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 64.3658, 51.7510, 58.2263 by changing the saturation by 10% instead.


 64.3658, 51.7510,
58.2263


 64.3658, 51.7510,
58.2263


430.0907,
393.4746, 435.6504

 47.2098, 36.8066,
41.5747


 110.2084, 92.7639,
103.7704

 33.4102, 25.0578,
28.4453


 139.6257,
119.6013, 133.4999

 22.6016, 16.1201,
18.4197

173.8607,
151.1717, 168.4259

 14.4187, 9.6092,
11.0792

213.2790,
187.8597, 208.9667

 8.4961, 5.1406,
6.0053

258.2458,
230.0496, 255.5411

 4.4684, 2.3300,
2.7794

309.1264,

 1.9704, 0.7895,

278.1257, 308.5675

0.9831

366.2863,
332.4726, 368.4644

■ 0.6173, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3658, 51.7510,
58.2263

■ 64.3658, 51.7510,
58.2263

■ 58.4560, 42.8044,
47.3992

■ 71.4070, 62.6175,
70.4880

■ 53.6118, 35.6580,
37.9480

■ 79.6332, 75.5005,
84.2335

■ 49.7662, 30.1894,
29.8143

■ 89.0985, 90.4983,
99.5133

■ 46.8425, 26.2577,
22.9336

95.0500, 100.0000,
108.9000

■ 44.7518, 23.6988,
17.2347

■ 43.3854, 22.3097,
12.6368

■ 42.9546, 21.9458,
10.9588

Harmonies

Analogous

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



61.7946, 51.7510, 80.6051



64.3658, 51.7510, 58.2263



62.5529, 51.7510, 40.0302

Triad

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



64.3658, 51.7510, 58.2263



43.0998, 51.7510, 27.9351



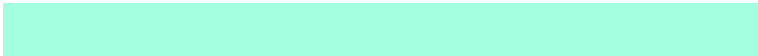
42.0792, 51.7510, 96.7765

Complementary

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



64.3658, 51.7510, 58.2263



64.5264, 84.7953, 83.4909

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.



37.8764, 51.7510, 76.5886



64.3658, 51.7510, 58.2263



38.4240, 51.7510, 37.5226

Square

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



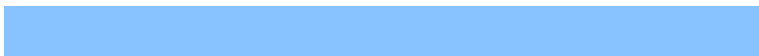
64.3658, 51.7510, 58.2263



49.8393, 51.7510, 25.2796



36.6057, 51.7510, 54.5106



48.5419, 51.7510, 106.0028

Rectangle

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



64.3658, 51.7510, 58.2263



59.1911, 51.7510, 31.9233



36.6057, 51.7510, 54.5106



40.3802, 51.7510, 90.8387

Sweetspot

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



64.3670, 51.7533, 58.2273



83.9092, 82.2563, 91.1964



61.8049, 49.4853, 100.9019



17.6890, 17.1773, 19.0809



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.



64.3670, 51.7533, 58.2273



59.9350, 45.0243, 50.1677



63.7933, 55.6444, 42.5031



18.2647, 18.0892, 20.0110



22.5071, 11.4921, 6.0550



2.2402, 1.1385, 0.8464

Inverse Universe

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



64.3670, 51.7533, 58.2273



59.9350, 45.0243, 50.1677



64.9204, 78.2317, 106.2863



18.2647, 18.0892, 20.0110



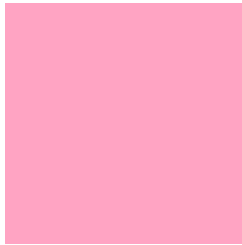
22.5071, 11.4921, 6.0550



2.2402, 1.1385, 0.8464

Previews

White Background



This preview shows how the XYZ color 64.3658, 51.7510, 58.2263 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 64.3658, 51.7510, 58.2263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

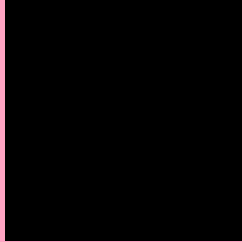
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3658, 51.7510, 58.2263

Background



This preview shows how black text looks on a background with the XYZ color 64.3658, 51.7510, 58.2263.



This preview shows how white text looks on a background with the XYZ color 64.3658, 51.7510,

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

64.3658, 51.7510, 58.2263

Protanopia

51.0326, 52.2989, 68.3778

Deuteranopia

53.0474, 52.0148, 56.5342



Tritanopia

62.4634, 51.7748, 49.3492

Trichromacy



Original Color

64.3658, 51.7510, 58.2263

Protanomaly

54.9839, 51.6017, 64.8198

Deuteranomaly

56.6006, 51.4188, 56.8108

Tritanomaly

63.2662, 51.8460, 52.5717

Monochromacy



Original Color

64.3658, 51.7510, 58.2263

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

55.6061, 52.9728, 58.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3658, 51.7510, 58.2263 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, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 195)  
}
```

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, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 195) }
```

Border

The CSS property to change the border of an element to XYZ 64.3658, 51.7510, 58.2263 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, 164, 195) }
```


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

```
.border{ border-color:rgb(255, 164, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3658, 51.7510, 58.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 195) }
```

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

```
.background{ background-color: rgb(255,  
164, 195) }
```

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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