

Converting Colors

XYZ(158.5836, 100.0000,
61.7529)

Have a look what the booklet for
XYZ(158.5836, 100.0000, 61.7529)
contains.

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Color

**XYZ(64.0748, 51.3494,
57.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3C2
RGB	255, 163, 194
RGB Percent	100%, 64%, 76%
CMY	0.0000, 0.3608, 0.2392
CMYK	0.00, 0.36, 0.24, 0.00
HSL	340°, 100%, 82%
HSV	340°, 36%, 100%
XYZ	64.0748, 51.3494, 57.5733
YIQ	194.0420, 44.8810, 29.1450

Conversions

Conversions Part 2

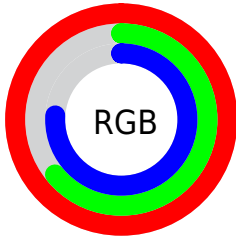
Format	Color
R _Y B	255, 163, 194
Decimal	16753602
CIE Lab	76.89, 38.03, -1.57
CIE LCh	77, 38.060, 357.633
Yxy	51.3494, 0.3704, 0.2968
Android (android.graphics.Color)	4294943682 (0xFFFFA3C2)
YUV	194.0420, -0.0207, 53.4602
Hunter-Lab	71.6585, 34.2068, 2.5250

Details

The XYZ color **64.0748, 51.3494, 57.5733** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.3208, 84.6893, 83.4813**, and the grayscale version is **51.2857, 53.9566, 58.7587**.

A 20% lighter version of the original color is **83.8268, 78.8252, 101.2391**, and **33.3355, 24.9156, 27.8632** is the 20% darker color. If you saturate the color by 10%, you get **58.2029, 42.4737, 46.7740**, and if you desaturate by 10%, it is **71.0781, 62.1418, 69.8170**.

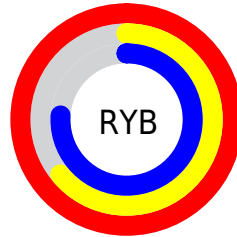
Distribution



Red (100%)

Green (64%)

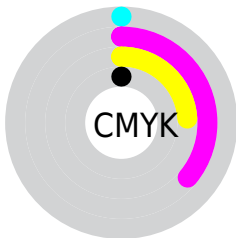
Blue (76%)



Red (100%)

Yellow (64%)

Blue (76%)

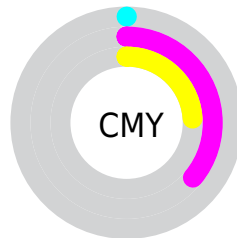


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0748, 51.3494, 57.5733 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 64.0748, 51.3494, 57.5733 by changing the saturation by 10% instead.


 64.0748, 51.3494,
57.5733


 64.0748, 51.3494,
57.5733


429.0576,
391.9198, 433.1478

 46.9732, 36.4868,
41.0533


 109.7918, 92.1710,
102.8099

 33.2223, 24.8104,
28.0407


 139.1379,
118.8988, 132.3635

 22.4568, 15.9358,
18.1170


173.2961,
150.3504, 167.0987

 14.3114, 9.4787,
10.8637

212.6319,
186.9103, 207.4341

 8.4207, 5.0547,
5.8623

257.5106,
228.9627, 253.7881

 4.4194, 2.2794,
2.6941

308.2976,

 1.9420, 0.7628,

276.8922, 306.5794

0.9404

365.3581,
331.0831, 366.2265

■ 0.6011, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0748, 51.3494,
57.5733

■ 64.0748, 51.3494,
57.5733

■ 58.2029, 42.4737,
46.7740

■ 71.0781, 62.1418,
69.8170

■ 53.3962, 35.3943,
37.3598

■ 79.2665, 74.9477,
83.5550

■ 49.5872, 29.9883,
29.2710

■ 88.6947, 89.8658,
98.8386

■ 46.6987, 26.1140,
22.4424

95.0500, 100.0000,
108.9000

■ 44.6411, 23.6061,
16.8014

■ 43.3045, 22.2596,
12.2659

■ 42.9163, 21.9305,
10.7573

Harmonies

Analogous

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



61.5308, 51.3494, 80.0795



64.0748, 51.3494, 57.5733



62.2041, 51.3494, 39.3862

Triad

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



64.0748, 51.3494, 57.5733



42.6312, 51.3494, 27.5101



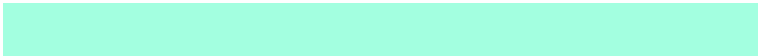
41.7279, 51.3494, 96.7880

Complementary

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



64.0748, 51.3494, 57.5733



64.3208, 84.6893, 83.4813

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.



37.4848, 51.3494, 76.5107



64.0748, 51.3494, 57.5733



37.9690, 51.3494, 37.1715

Square

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



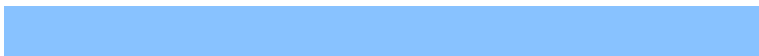
64.0748, 51.3494, 57.5733



49.3832, 51.3494, 24.7924



36.1788, 51.3494, 54.2806



48.2335, 51.3494, 105.9418

Rectangle

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



64.0748, 51.3494, 57.5733



58.7988, 51.3494, 31.3286



36.1788, 51.3494, 54.2806



40.0150, 51.3494, 90.8347

Sweetspot

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



64.0761, 51.3517, 57.5743



83.8940, 82.2503, 91.1166



61.5188, 49.0732, 100.8374



17.6854, 17.1759, 19.0620



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.



64.0761, 51.3517, 57.5743



59.8928, 45.0075, 49.9458



63.5352, 55.2720, 41.9732



18.2618, 18.0881, 19.9960



22.4867, 11.4840, 5.9473



2.2380, 1.1376, 0.8346

Inverse Universe

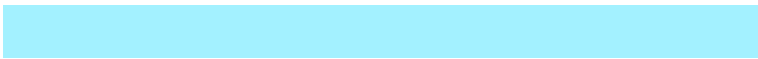
The Inverse Universe completely reimagines the original color for something new.



64.0761, 51.3517, 57.5743



59.8928, 45.0075, 49.9458



64.6704, 78.0368, 106.2619



18.2618, 18.0881, 19.9960



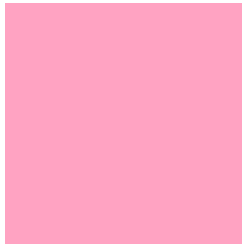
22.4867, 11.4840, 5.9473



2.2380, 1.1376, 0.8346

Previews

White Background



This preview shows how the XYZ color 64.0748, 51.3494, 57.5733 looks on a white background.

Color Contrast Check

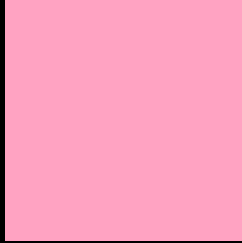
Large Text (above 18pt) WCAG AA × Fail

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 64.0748, 51.3494, 57.5733 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 64.0748, 51.3494, 57.5733

Background



This preview shows how black text looks on a background with the XYZ color 64.0748, 51.3494, 57.5733.



This preview shows how white text looks on a background with the XYZ color 64.0748, 51.3494,

57.5733.

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

64.0748, 51.3494, 57.5733

Protanopia

50.5695, 51.7397, 68.2942

Deuteranopia

52.4472, 51.4086, 55.8738



Tritanopia

62.1801, 51.3694, 48.7575

Trichromacy



Original Color

64.0748, 51.3494, 57.5733



Protanomaly

54.3717, 50.9992, 64.1049



Deuteranomaly

55.9806, 50.8198, 56.1489



Tritanomaly

62.9799, 51.4418, 51.9573

Monochromacy



Original Color

64.0748, 51.3494, 57.5733



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.9900, 52.3609, 58.2473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0748, 51.3494, 57.5733 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, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 194)  
}
```

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, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 194) }
```

Border

The CSS property to change the border of an element to XYZ 64.0748, 51.3494, 57.5733 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, 163, 194) }
```


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

```
.border{ border-color:rgb(255, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0748, 51.3494, 57.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 194) }
```

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

```
.background{ background-color: rgb(255,  
163, 194) }
```

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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