

Converting Colors

XYZ(64.4072, 52.2764, 56.8759)

Have a look what the booklet for
XYZ(64.4072, 52.2764, 56.8759)
contains.

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Color

**XYZ(64.5019, 52.3827,
57.1633)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6C1
RGB	255, 166, 193
RGB Percent	100%, 65%, 76%
CMY	0.0000, 0.3490, 0.2431
CMYK	0.00, 0.35, 0.24, 0.00
HSL	342°, 100%, 83%
HSV	342°, 35%, 100%
XYZ	64.5019, 52.3827, 57.1633
YIQ	195.6890, 44.3770, 27.2650

Conversions

Conversions Part 2

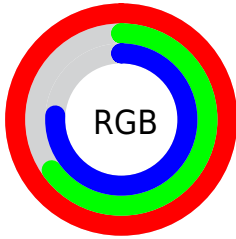
Format	Color
R _Y B	255, 166, 193
Decimal	16754369
CIE Lab	77.51, 36.33, -0.12
CIE LCh	78, 36.332, 359.811
Yxy	52.3827, 0.3706, 0.3010
Android (android.graphics.Color)	4294944449 (0xFFFFA6C1)
YUV	195.6890, -1.3257, 52.0157
Hunter-Lab	72.3759, 32.4226, 3.8352

Details

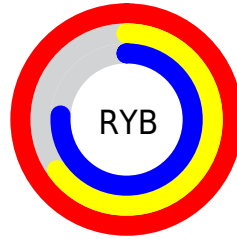
The XYZ color **64.5019, 52.3827, 57.1633** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.4916, 85.2294, 86.4018**, and the grayscale version is **52.2734, 54.9957, 59.8903**.

A 20% lighter version of the original color is **84.4602, 80.3421, 100.6786**, and **33.6647, 25.5740, 27.9729** is the 20% darker color. If you saturate the color by 10%, you get **58.4533, 43.2689, 45.9500**, and if you desaturate by 10%, it is **71.7100, 63.4343, 69.9389**.

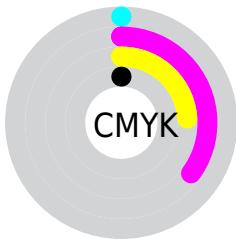
Distribution



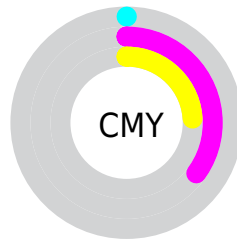
- Red (100%)
- Green (65%)
- Blue (76%)



- Red (100%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5019, 52.3827, 57.1633 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 64.5019, 52.3827, 57.1633 by changing the saturation by 10% instead.


 64.5019, 52.3827,
57.1633


 64.5019, 52.3827,
57.1633


430.5734,
395.9123, 431.5718

 47.3205, 37.3102,
40.7261


 110.4031, 93.6954,
102.2061

 33.4981, 25.4478,
27.7871


 139.8537,
120.7044, 131.6489

 22.6694, 16.4110,
17.9276


174.1247,
152.4610, 166.2639

 14.4689, 9.8154,
10.7291

213.5814,
189.3496, 206.4697

 8.5314, 5.2768,
5.7731

258.5893,
231.7547, 252.6848

 4.4915, 2.4105,
2.6411

309.5137,

 1.9837, 0.8313,

280.0606, 305.3279

0.9135

366.7200,
334.6516, 364.8174

■ 0.6248, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5019, 52.3827,
57.1633

■ 64.5019, 52.3827,
57.1633

■ 58.4533, 43.2689,
45.9500

■ 71.7100, 63.4343,
69.9389

■ 53.4976, 35.9734,
36.2335

■ 80.1320, 76.5200,
84.3324

■ 49.5666, 30.3741,
27.9478

■ 89.8231, 91.7382,
100.4003

■ 46.5830, 26.3312,
21.0204

95.0500, 100.0000,
108.9000

■ 44.4571, 23.6819,
15.3715

■ 43.0803, 22.2265,
10.9107

■ 42.5919, 21.8008,
9.0492

Harmonies

Analogous

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



62.3561, 52.3827, 78.7058



64.5019, 52.3827, 57.1633



62.4078, 52.3827, 39.9340

Triad

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



64.5019, 52.3827, 57.1633



43.3903, 52.3827, 29.6946



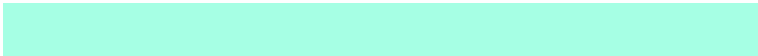
43.3201, 52.3827, 97.2787

Complementary

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



64.5019, 52.3827, 57.1633



65.4916, 85.2294, 86.4018

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.



38.9960, 52.3827, 78.4327



64.5019, 52.3827, 57.1633



39.0337, 52.3827, 39.7604

Square

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



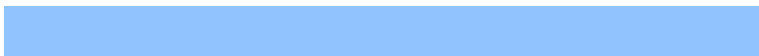
64.5019, 52.3827, 57.1633



49.8327, 52.3827, 26.5135



37.5017, 52.3827, 56.9086



49.7437, 52.3827, 104.9366

Rectangle

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



64.5019, 52.3827, 57.1633



58.9917, 52.3827, 32.3597



37.5017, 52.3827, 56.9086



41.5954, 52.3827, 91.8536

Sweetspot

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



64.5031, 52.3851, 57.1643



84.7183, 83.7039, 91.9922



63.3088, 50.7962, 101.0757



17.8449, 17.4637, 19.2109



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.



64.5031, 52.3851, 57.1643



60.0919, 45.7195, 49.0445



64.9175, 57.6013, 43.7761



18.2362, 18.0778, 19.8608



22.3128, 11.4144, 5.0318



2.2186, 1.1298, 0.7325

Inverse Universe

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



64.5031, 52.3851, 57.1643



60.0919, 45.7195, 49.0445



64.5514, 76.8761, 106.0441



18.2362, 18.0778, 19.8608



22.3128, 11.4144, 5.0318



2.2186, 1.1298, 0.7325

Previews

White Background



This preview shows how the XYZ color 64.5019, 52.3827, 57.1633 looks on a white background.

Color Contrast Check

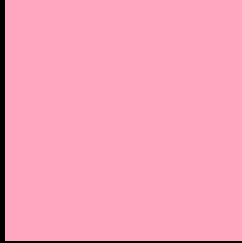
Large Text (above 18pt) WCAG AA × Fail

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 64.5019, 52.3827, 57.1633 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 64.5019, 52.3827, 57.1633

Background



This preview shows how black text looks on a background with the XYZ color 64.5019, 52.3827, 57.1633.



This preview shows how white text looks on a background with the XYZ color 64.5019, 52.3827,

57.1633.

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

64.5019, 52.3827, 57.1633

Protanopia

51.5018, 52.8920, 67.1693

Deuteranopia

53.6082, 52.6408, 55.4794



Tritanopia

63.2162, 52.4123, 50.5008

Trichromacy



Original Color

64.5019, 52.3827, 57.1633



Protanomaly

55.2390, 52.0638, 63.6378



Deuteranomaly

57.0929, 52.2888, 55.7988



Tritanomaly

63.4487, 52.2110, 52.6326

Monochromacy



Original Color

64.5019, 52.3827, 57.1633



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.8146, 53.3898, 58.9933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5019, 52.3827, 57.1633 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, 166, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 193)  
}
```

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, 166, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 193) }
```

Border

The CSS property to change the border of an element to XYZ 64.5019, 52.3827, 57.1633 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, 166, 193) }
```


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

```
.border{ border-color:rgb(255, 166, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5019, 52.3827, 57.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 193) }
```

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

```
.background{ background-color: rgb(255,  
166, 193) }
```

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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