

Converting Colors

XYZ(88.5652, 66.3375, 58.4899)

Have a look what the booklet for
XYZ(88.5652, 66.3375, 58.4899)
contains.

XYZ(65.6182, 54.6153, 57.5354)	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(65.6182, 54.6153,
57.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACC1
RGB	255, 172, 193
RGB Percent	100%, 67%, 76%
CMY	0.0000, 0.3255, 0.2431
CMYK	0.00, 0.33, 0.24, 0.00
HSL	345°, 100%, 84%
HSV	345°, 33%, 100%
XYZ	65.6182, 54.6153, 57.5354
YIQ	199.2110, 42.7270, 24.1270

Conversions

Conversions Part 2

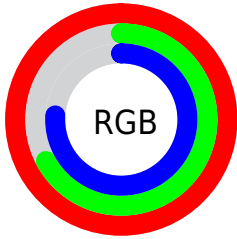
Format	Color
R _Y B	255, 172, 193
Decimal	16755905
CIE Lab	78.82, 33.20, 1.79
CIE LCh	79, 33.253, 3.085
Yxy	54.6153, 0.3691, 0.3072
Android (android.graphics.Color)	4294945985 (0xFFFFACC1)
YUV	199.2110, -3.0620, 48.9270
Hunter-Lab	73.9022, 29.1625, 5.5722

Details

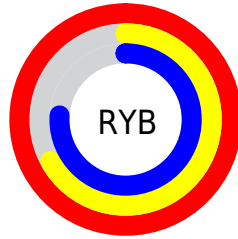
The XYZ color **65.6182, 54.6153, 57.5354** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.6267, 86.2322, 90.9260**, and the grayscale version is **54.4163, 57.2502, 62.3454**.

A 20% lighter version of the original color is **86.0823, 83.5864, 101.2193**, and **34.3564, 26.9574, 28.2035** is the 20% darker color. If you saturate the color by 10%, you get **59.2324, 45.0283, 45.5892**, and if you desaturate by 10%, it is **73.2114, 66.1788, 71.2358**.

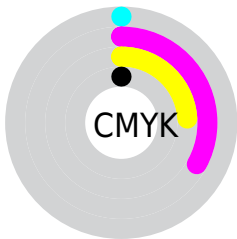
Distribution



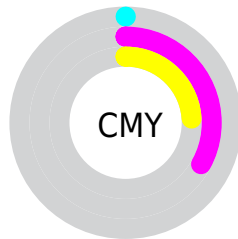
- Red (100%)
- Green (67%)
- Blue (76%)



- Red (100%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6182, 54.6153, 57.5354 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 65.6182, 54.6153, 57.5354 by changing the saturation by 10% instead.


 65.6182, 54.6153,
57.5354

 65.6182, 54.6153,
57.5354

434.5204,
404.4520, 433.0023

 48.2291, 39.0938,
41.0230

 111.9989, 96.9771,
102.7541

 34.2203, 26.8327,
28.0172


141.7213,
124.5862, 132.2974

 23.2266, 17.4476,
18.0995


176.2854,
156.9932, 167.0216

 14.8825, 10.5541,
10.8513

216.0567,
194.5826, 207.3450

 8.8228, 5.7679,
5.8540

261.4005,
237.7388, 253.6862

 4.6819, 2.7045,
2.6892

312.6821,

 2.0947, 0.9795,

286.8462, 306.4638

0.9380

370.2670,
342.2891, 366.0963

■ 0.6863, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6182, 54.6153,
57.5354

■ 65.6182, 54.6153,
57.5354

■ 59.2324, 45.0283,
45.5892

■ 73.2114, 66.1788,
71.2358

■ 53.9863, 37.2996,
35.3216

■ 82.0673, 79.8139,
86.7554

■ 49.8115, 31.3093,
26.6558

■ 92.2420, 95.6180,
104.1595

■ 46.6299, 26.9209,
19.5078

95.0500, 100.0000,
108.9000

■ 44.3527, 23.9765,
13.7849

■ 42.8736, 22.2862,
9.3830

■ 42.1799, 21.6360,
6.8795

Harmonies

Analogous

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



64.0478, 54.6153, 77.4522



65.6182, 54.6153, 57.5354



63.2666, 54.6153, 41.7762

Triad

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



65.6182, 54.6153, 57.5354



45.2963, 54.6153, 33.9499



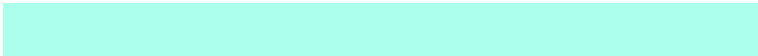
46.3832, 54.6153, 98.0470

Complementary

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



65.6182, 54.6153, 57.5354



67.6267, 86.2322, 90.9260

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.



42.0012, 54.6153, 81.5562



65.6182, 54.6153, 57.5354



41.4120, 54.6153, 44.5064

Square

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



65.6182, 54.6153, 57.5354



51.2314, 54.6153, 30.0932



40.2581, 54.6153, 61.4409



52.5950, 54.6153, 103.5598

Rectangle

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



65.6182, 54.6153, 57.5354



59.8986, 54.6153, 34.9165



40.2581, 54.6153, 61.4409



44.6657, 54.6153, 93.4537

Sweetspot

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



65.6195, 54.6178, 57.5365



84.5310, 83.6290, 91.0061



66.3650, 54.0289, 101.5386



17.7998, 17.4456, 18.9737



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.



65.6195, 54.6178, 57.5365



61.3636, 48.2104, 49.6303



67.3989, 61.6627, 47.3827



18.1979, 18.0625, 19.6591



22.0902, 11.3254, 3.8594



2.1926, 1.1194, 0.5957

Inverse Universe

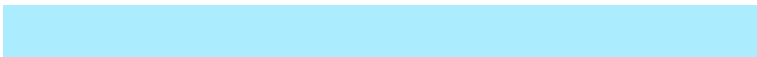
The Inverse Universe completely reimagines the original color for something new.



65.6195, 54.6178, 57.5365



61.3636, 48.2104, 49.6303



64.9551, 75.7722, 105.8097



18.1979, 18.0625, 19.6591



22.0902, 11.3254, 3.8594



2.1926, 1.1194, 0.5957

Previews

White Background



This preview shows how the XYZ color 65.6182, 54.6153, 57.5354 looks on a white background.

Color Contrast Check

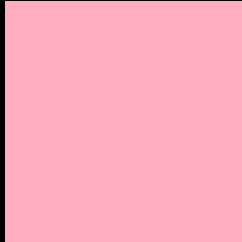
Large Text (above 18pt) WCAG AA × Fail

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 65.6182, 54.6153, 57.5354 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 65.6182, 54.6153, 57.5354

Background



This preview shows how black text looks on a background with the XYZ color 65.6182, 54.6153, 57.5354.



This preview shows how white text looks on a background with the XYZ color 65.6182, 54.6153,

57.5354.

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

65.6182, 54.6153, 57.5354

Protanopia

53.1973, 54.7756, 66.1615

Deuteranopia

55.8108, 54.7118, 56.3341



Tritanopia

64.6795, 54.5031, 53.5655

Trichromacy



Original Color

65.6182, 54.6153, 57.5354



Protanomaly

56.7168, 54.0866, 62.7088



Deuteranomaly

58.9706, 54.4516, 56.6923



Tritanomaly

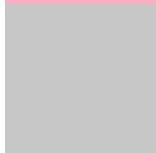
65.0019, 54.6321, 55.2632

Monochromacy



Original Color

65.6182, 54.6153, 57.5354



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.4891, 55.4865, 60.5033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6182, 54.6153, 57.5354 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, 172, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 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, 172, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 193) }
```

Border

The CSS property to change the border of an element to XYZ 65.6182, 54.6153, 57.5354 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, 172, 193) }
```


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

```
.border{ border-color:rgb(255, 172, 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, 172, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6182, 54.6153, 57.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 193) }
```

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

```
.background{ background-color: rgb(255,  
172, 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](#).

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