

Converting Colors

XYZ(57.8015, 45.0979, 36.0755)

Have a look what the booklet for
XYZ(57.8015, 45.0979, 36.0755)
contains.

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Color

**XYZ(57.8202, 45.0880,
36.2272)**

Conversions

Conversions Part 1

Format	Color
Hex	FF959A
RGB	255, 149, 154
RGB Percent	100%, 58%, 60%
CMY	0.0000, 0.4157, 0.3961
CMYK	0.00, 0.42, 0.40, 0.00
HSL	357°, 100%, 79%
HSV	357°, 42%, 100%
XYZ	57.8202, 45.0880, 36.2272
YIQ	181.2640, 61.5710, 24.0270

Conversions

Conversions Part 2

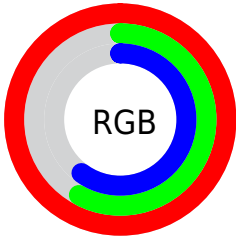
Format	Color
R _Y B	255, 149, 154
Decimal	16749978
CIE Lab	72.95, 40.26, 14.78
CIE LCh	73, 42.881, 20.155
Yxy	45.0880, 0.4156, 0.3241
Android (android.graphics.Color)	4294940058 (0xFFFF959A)
YUV	181.2640, -13.4412, 64.6665
Hunter-Lab	67.1476, 36.1965, 15.0154

Details

The XYZ color **57.8202, 45.0880, 36.2272** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.4120, 84.8127, 103.3704**, and the grayscale version is **44.1121, 46.4094, 50.5398**.

A 20% lighter version of the original color is **74.2180, 68.9998, 69.0811**, and **29.1367, 20.9471, 15.3395** is the 20% darker color. If you saturate the color by 10%, you get **52.3953, 37.1558, 25.4248**, and if you desaturate by 10%, it is **64.5402, 54.9548, 49.4830**.

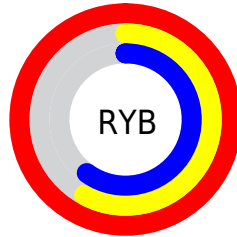
Distribution



Red (100%)

Green (58%)

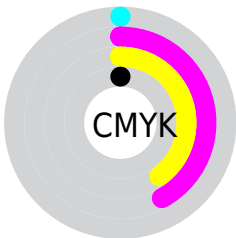
Blue (60%)



Red (100%)

Yellow (58%)

Blue (60%)

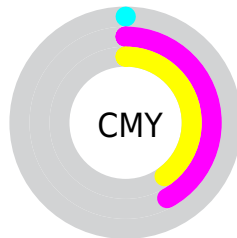


Cyan (0%)

Magenta (42%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8202, 45.0880, 36.2272 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 57.8202, 45.0880, 36.2272 by changing the saturation by 10% instead.


 57.8202, 45.0880,
36.2272

 57.8202, 45.0880,
36.2272


406.4803,
367.1298, 345.0199

 41.9068, 31.5267,
24.3186


 100.7855, 82.8524,
70.5556

 29.2191, 21.0003,
15.3558


 128.5680,
107.8244, 93.8125

 19.3918, 13.1242,
8.9201


161.0377,
137.3688, 121.6893

 12.0594, 7.5141,
4.5930

198.5599,
171.8699, 154.6044

 6.8566, 3.7857,
1.9560

241.4999,
211.7122, 192.9765

 3.4181, 1.5544,
0.5280

290.2230,

 1.3785, 0.3266,

257.2800, 237.2241

0.0000

345.0947,
308.9577, 287.7657

■ 0.2409, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8202, 45.0880,
36.2272

■ 57.8202, 45.0880,
36.2272

■ 52.3953, 37.1558,
25.4248

■ 64.5402, 54.9548,
49.4830

■ 48.1790, 31.0249,
16.9228

■ 72.6276, 66.8645,
65.3274

■ 45.0794, 26.5562,
10.5552

■ 82.1534, 80.9253,
83.8885

■ 42.9905, 23.5871,
6.1326

■ 93.1828, 97.2361,
105.2854

■ 41.7852, 21.9222, 95.0500, 100.0000,
3.4321 108.9000

■ 41.3064, 21.2866,
2.2799

Harmonies

Analogous

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



58.6406, 45.0880, 56.4765



57.8202, 45.0880, 36.2272



52.7436, 45.0880, 23.7775

Triad

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



57.8202, 45.0880, 36.2272



32.7357, 45.0880, 27.1528



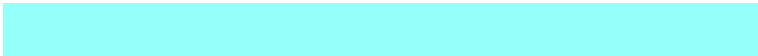
40.4429, 45.0880, 101.8714

Complementary

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



57.8202, 45.0880, 36.2272



65.4120, 84.8127, 103.3704

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.



34.2863, 45.0880, 87.9839



57.8202, 45.0880, 36.2272



30.1913, 45.0880, 42.3831

Square

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



57.8202, 45.0880, 36.2272



38.0889, 45.0880, 19.6939



30.7239, 45.0880, 64.6931



48.0026, 45.0880, 98.7872

Rectangle

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



57.8202, 45.0880, 36.2272



47.9239, 45.0880, 19.6525



30.7239, 45.0880, 64.6931



38.1564, 45.0880, 98.9086

Sweetspot

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



57.8214, 45.0903, 36.2281



81.7090, 80.2689, 83.0246



68.1156, 48.9858, 100.4728



17.2066, 16.7635, 17.2212



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.



57.8214, 45.0903, 36.2281



53.1629, 38.2757, 26.9605



66.5645, 63.2283, 37.1327



18.0441, 18.0009, 18.8492



21.5982, 11.1286, 1.2684



2.1146, 1.0882, 0.1848

Inverse Universe

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



57.8214, 45.0903, 36.2281



53.1629, 38.2757, 26.9605



52.8321, 58.3829, 103.0922



18.0441, 18.0009, 18.8492



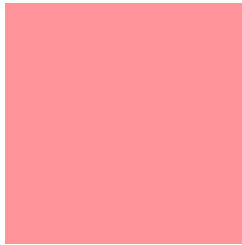
21.5982, 11.1286, 1.2684



2.1146, 1.0882, 0.1848

Previews

White Background



This preview shows how the XYZ color 57.8202, 45.0880, 36.2272 looks on a white background.

Color Contrast Check

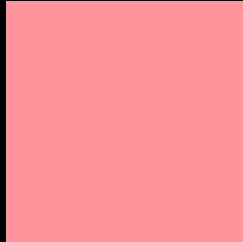
Large Text (above 18pt) WCAG AA × Fail

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 57.8202, 45.0880, 36.2272 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 57.8202, 45.0880, 36.2272

Background



This preview shows how black text looks on a background with the XYZ color 57.8202, 45.0880, 36.2272.



This preview shows how white text looks on a background with the XYZ color 57.8202, 45.0880,

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

57.8202, 45.0880, 36.2272

Protanopia

43.2891, 45.4191, 44.0213

Deuteranopia

46.1807, 45.3545, 35.1745



Tritanopia

58.0879, 44.9430, 38.4142

Trichromacy



Original Color

57.8202, 45.0880, 36.2272



Protanomaly

47.2818, 44.3872, 41.1975



Deuteranomaly

49.6018, 44.6326, 35.2788



Tritanomaly

57.9157, 44.8741, 37.5074

Monochromacy



Original Color

57.8202, 45.0880, 36.2272



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.5511, 44.7261, 44.6549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8202, 45.0880, 36.2272 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, 149, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 154)  
}
```

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, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 154) }
```

Border

The CSS property to change the border of an element to XYZ 57.8202, 45.0880, 36.2272 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, 149, 154) }
```


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

```
.border{ border-color:rgb(255, 149, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8202, 45.0880, 36.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 154) }
```

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

```
.background{ background-color: rgb(255,  
149, 154) }
```

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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