

Converting Colors

XYZ(57.9112, 45.1332, 36.6797)

Have a look what the booklet for
XYZ(57.9112, 45.1332, 36.6797)
contains.

XYZ(57.9038, 45.1215, 36.6678)	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(57.9038, 45.1215,
36.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	FF959B
RGB	255, 149, 155
RGB Percent	100%, 58%, 61%
CMY	0.0000, 0.4157, 0.3922
CMYK	0.00, 0.42, 0.39, 0.00
HSL	357°, 100%, 79%
HSV	357°, 42%, 100%
XYZ	57.9038, 45.1215, 36.6678
YIQ	181.3780, 61.2500, 24.3380

Conversions

Conversions Part 2

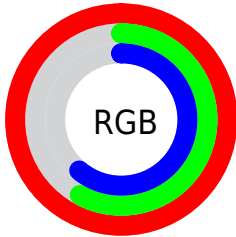
Format	Color
R_{YB}	255, 149, 155
Decimal	16749979
CIE _{Lab}	72.97, 40.36, 14.25
CIE _{LCh}	73, 42.807, 19.449
Yxy	45.1215, 0.4145, 0.3230
Android (android.graphics.Color)	4294940059 (0xFFFF959B)
YUV	181.3780, -13.0044, 64.5665
Hunter-Lab	67.1725, 36.3179, 14.6559

Details

The XYZ color **57.9038, 45.1215, 36.6678** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.2555, 84.7500, 102.5464**, and the grayscale version is **44.1718, 46.4722, 50.6082**.

A 20% lighter version of the original color is **74.3415, 69.0492, 69.7312**, and **29.1872, 20.9673, 15.6055** is the 20% darker color. If you saturate the color by 10%, you get **52.4788, 37.1892, 25.8648**, and if you desaturate by 10%, it is **64.6168, 54.9855, 49.8867**.

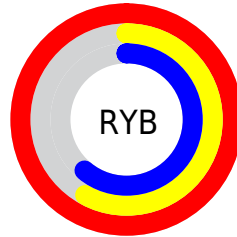
Distribution



Red (100%)

Green (58%)

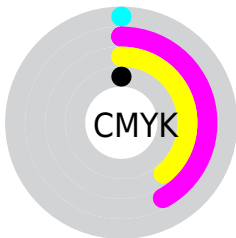
Blue (61%)



Red (100%)

Yellow (58%)

Blue (61%)

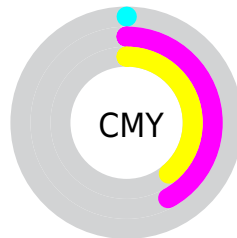


Cyan (0%)

Magenta (42%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9038, 45.1215, 36.6678 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 57.9038, 45.1215, 36.6678 by changing the saturation by 10% instead.


 57.9038, 45.1215,
36.6678

 57.9038, 45.1215,
36.6678


406.7870,
367.2654, 346.9953

 41.9743, 31.5531,
24.6566


 100.9065, 82.9027,
71.2422

 29.2722, 21.0204,
15.6047


 128.7104,
107.8843, 94.6424

 19.4321, 13.1389,
9.0936


161.2032,
137.4392, 122.6762

 12.0888, 7.5243,
4.7046

198.7501,
171.9516, 155.7619

 6.8768, 3.7921,
2.0193

241.7166,
211.8061, 194.3181

 3.4308, 1.5580,
0.5671

290.4681,

 1.3855, 0.3290,

257.3869, 238.7634

0.0000

345.3697,
309.0786, 289.5163

■ 0.2458, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9038, 45.1215,
36.6678

■ 57.9038, 45.1215,
36.6678

■ 52.4788, 37.1892,
25.8648

■ 64.6168, 54.9855,
49.8867

■ 48.2561, 31.0558,
17.3293

■ 72.6893, 66.8892,
65.6528

■ 45.1449, 26.5824,
10.9002

■ 82.1917, 80.9408,
84.0909

■ 43.0401, 23.6069,
6.3945

■ 93.1887, 97.2386,
105.3168

■ 41.8166, 21.9348,
3.5976

95.0499, 99.9999,
108.9000

■ 41.3220, 21.2928,
2.3626

Harmonies

Analogous

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



58.6111, 45.1215, 57.0523



57.9038, 45.1215, 36.6678



52.9172, 45.1215, 24.0362

Triad

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



57.9038, 45.1215, 36.6678



32.8738, 45.1215, 26.9479



40.3103, 45.1215, 101.6711

Complementary

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



57.9038, 45.1215, 36.6678



65.2555, 84.7500, 102.5464

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.



34.2111, 45.1215, 87.4760



57.9038, 45.1215, 36.6678



30.2607, 45.1215, 41.9767

Square

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



57.9038, 45.1215, 36.6678



38.2803, 45.1215, 19.6568



30.7201, 45.1215, 64.1365



47.8484, 45.1215, 99.0126

Rectangle

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



57.9038, 45.1215, 36.6678



48.1282, 45.1215, 19.8040



30.7201, 45.1215, 64.1365



38.0402, 45.1215, 98.5816

Sweetspot

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



57.9050, 45.1238, 36.6687



81.7487, 80.2847, 83.2332



67.4864, 48.6615, 100.4432



17.2158, 16.7672, 17.2698



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.



57.9050, 45.1238, 36.6687



53.2469, 38.3093, 27.4028



66.1664, 62.4323, 37.0001



18.0510, 18.0037, 18.8858



21.6081, 11.1325, 1.3209



2.1179, 1.0895, 0.2022

Inverse Universe

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



57.9050, 45.1238, 36.6687



53.2469, 38.3093, 27.4028



53.2633, 59.2454, 103.2357



18.0510, 18.0037, 18.8858



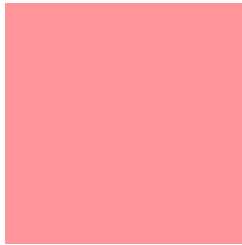
21.6081, 11.1325, 1.3209



2.1179, 1.0895, 0.2022

Previews

White Background



This preview shows how the XYZ color 57.9038, 45.1215, 36.6678 looks on a white background.

Color Contrast Check

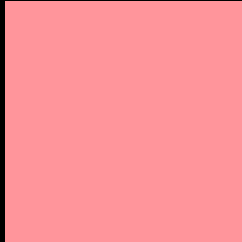
Large Text (above 18pt) WCAG AA × Fail

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 57.9038, 45.1215, 36.6678 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 57.9038, 45.1215, 36.6678

Background



This preview shows how black text looks on a background with the XYZ color 57.9038, 45.1215, 36.6678.



This preview shows how white text looks on a background with the XYZ color 57.9038, 45.1215,

36.6678.

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

57.9038, 45.1215, 36.6678

Protanopia

43.4784, 45.4948, 45.0179

Deuteranopia

46.2616, 45.3869, 35.6005



Tritanopia

58.2455, 45.2581, 38.4667

Trichromacy



Original Color

57.9038, 45.1215, 36.6678



Protanomaly

47.3725, 44.4235, 41.6751



Deuteranomaly

49.6834, 44.6652, 35.7084



Tritanomaly

58.1590, 45.2235, 38.0114

Monochromacy



Original Color

57.9038, 45.1215, 36.6678



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.6468, 44.7644, 45.1589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9038, 45.1215, 36.6678 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 155) }
```

Border

The CSS property to change the border of an element to XYZ 57.9038, 45.1215, 36.6678 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, 155) }
```


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

```
.border{ border-color:rgb(255, 149, 155) }
```

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, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9038, 45.1215, 36.6678 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, 155) }
```

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

```
.background{ background-color: rgb(255,  
149, 155) }
```

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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