

Converting Colors

XYZ(57.9294, 45.6815, 35.1071)

Have a look what the booklet for
XYZ(57.9294, 45.6815, 35.1071)
contains.

XYZ(57.8925, 45.6276, 35.0339)	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(57.8925, 45.6276,
35.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9797
RGB	255, 151, 151
RGB Percent	100%, 59%, 59%
CMY	0.0000, 0.4078, 0.4078
CMYK	0.00, 0.41, 0.41, 0.00
HSL	0°, 100%, 80%
HSV	0°, 41%, 100%
XYZ	57.8925, 45.6276, 35.0339
YIQ	182.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

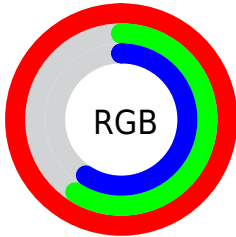
Format	Color
R_{YB}	255, 151, 151
Decimal	16750487
CIE Lab	73.30, 38.91, 16.92
CIE LCh	73, 42.429, 23.506
Yxy	45.6276, 0.4178, 0.3293
Android (android.graphics.Color)	4294940567 (0xFFFF9797)
YUV	182.0960, -15.3303, 63.9368
Hunter-Lab	67.5482, 34.7749, 16.5330

Details

The XYZ color **57.8925, 45.6276, 35.0339** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.5707, 85.3154, 107.5664**, and the grayscale version is **44.5741, 46.8955, 51.0692**.

A 20% lighter version of the original color is **74.3308, 69.8104, 67.3147**, and **29.1736, 21.2576, 14.6221** is the 20% darker color. If you saturate the color by 10%, you get **52.3719, 37.5498, 24.0579**, and if you desaturate by 10%, it is **64.7507, 55.6638, 48.6662**.

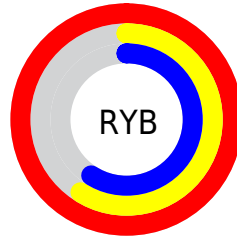
Distribution



Red (100%)

Green (59%)

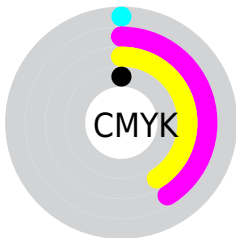
Blue (59%)



Red (100%)

Yellow (59%)

Blue (59%)

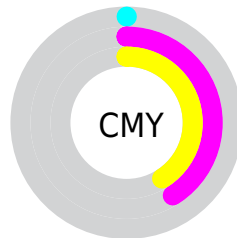


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8925, 45.6276, 35.0339 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 57.8925, 45.6276, 35.0339 by changing the saturation by 10% instead.


 57.8925, 45.6276,
35.0339


 57.8925, 45.6276,
35.0339


406.7456,
369.3094, 339.6267

 41.9652, 31.9521,
23.4052


 100.8902, 83.6614,
68.6904

 29.2650, 21.3249,
14.6849


 128.6912,
108.7884, 91.5554

 19.4267, 13.3617,
8.4544


161.1808,
138.5014, 119.0029

 12.0848, 7.6781,
4.2951

198.7244,
173.1848, 151.4514

 6.8741, 3.8897,
1.7886

241.6874,
213.2228, 189.3195

 3.4291, 1.6120,
0.4204

290.4349,

 1.3845, 0.3657,

259.0000, 233.0257

0.0000

345.3326,
310.9008, 282.9886

■ 0.2452, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8925, 45.6276,
35.0339

■ 57.8925, 45.6276,
35.0339

■ 52.3719, 37.5498,
24.0579

■ 64.7507, 55.6638,
48.6662

■ 48.0984, 31.2964,
15.5626

■ 73.0222, 67.7673,
65.1095

■ 44.9760, 26.7273,
9.3558

■ 82.7811, 82.0473,
84.5099

■ 42.8932, 23.6794,
5.2157

■ 94.0954, 98.6032,
107.0024

■ 41.7164, 21.9573, 95.0499, 100.0000,
2.8767 108.9000

■ 41.2401, 21.2603,
1.9300

Harmonies

Analogous

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



59.2340, 45.6276, 54.4717



57.8925, 45.6276, 35.0339



52.4680, 45.6276, 23.4372

Triad

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



57.8925, 45.6276, 35.0339



32.8302, 45.6276, 29.0389



41.7660, 45.6276, 102.6811

Complementary

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



57.8925, 45.6276, 35.0339



66.5707, 85.3154, 107.5664

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.



35.3856, 45.6276, 90.5536



57.8925, 45.6276, 35.0339



30.6224, 45.6276, 45.1792

Square

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



57.8925, 45.6276, 35.0339



37.8956, 45.6276, 20.7336



31.5014, 45.6276, 67.9285



49.3427, 45.6276, 97.6626

Rectangle

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



57.8925, 45.6276, 35.0339



47.5679, 45.6276, 19.7887



31.5014, 45.6276, 67.9285



39.4223, 45.6276, 100.3839

Sweetspot

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



57.8937, 45.6299, 35.0348



81.5126, 80.1911, 81.9880



70.3567, 50.6135, 100.6687



17.1609, 16.7454, 16.9798



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.



57.8937, 45.6299, 35.0348



53.2629, 38.8535, 25.8289



68.1820, 66.2064, 38.4642



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

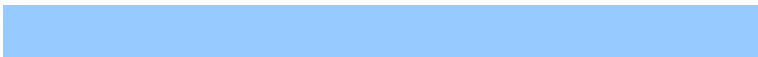
The Inverse Universe completely reimagines the original color for something new.



66.5707, 85.3154, 107.5664



63.0213, 83.4852, 107.4004



52.1687, 56.5115, 102.7658



18.5549, 20.4813, 23.2253



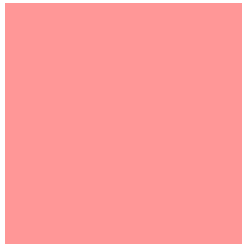
28.1145, 41.1385, 55.8933



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 57.8925, 45.6276, 35.0339 looks on a white background.

Color Contrast Check

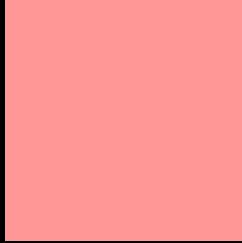
Large Text (above 18pt) WCAG AA × Fail

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 57.8925, 45.6276, 35.0339 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 57.8925, 45.6276, 35.0339

Background



This preview shows how black text looks on a background with the XYZ color 57.8925, 45.6276, 35.0339.



This preview shows how white text looks on a background with the XYZ color 57.8925, 45.6276,

35.0339.

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

57.8925, 45.6276, 35.0339

Protanopia

43.6977, 45.9605, 42.6445

Deuteranopia

46.5045, 45.5490, 33.9446



Tritanopia

58.5794, 45.6459, 39.4413

Trichromacy



Original Color

57.8925, 45.6276, 35.0339



Protanomaly

47.7724, 44.9462, 39.8758



Deuteranomaly

50.1645, 45.2171, 34.1008



Tritanomaly

58.2321, 45.5070, 37.6129

Monochromacy



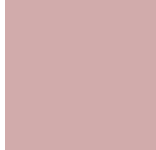
Original Color

57.8925, 45.6276, 35.0339



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.2081, 45.6214, 44.7930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8925, 45.6276, 35.0339 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, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 151)  
}
```

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, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 151) }
```

Border

The CSS property to change the border of an element to XYZ 57.8925, 45.6276, 35.0339 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, 151, 151) }
```


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

```
.border{ border-color:rgb(255, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8925, 45.6276, 35.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 151) }
```

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

```
.background{ background-color: rgb(255,  
151, 151) }
```

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