

Converting Colors

XYZ(57.8220, 45.9450, 33.5971)

Have a look what the booklet for
XYZ(57.8220, 45.9450, 33.5971)
contains.

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Color

**XYZ(57.7347, 45.8231,
33.4055)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9893
RGB	255, 152, 147
RGB Percent	100%, 60%, 58%
CMY	0.0000, 0.4039, 0.4235
CMYK	0.00, 0.40, 0.42, 0.00
HSL	3°, 100%, 79%
HSV	3°, 42%, 100%
XYZ	57.7347, 45.8231, 33.4055
YIQ	182.2270, 62.9930, 20.2810

Conversions

Conversions Part 2

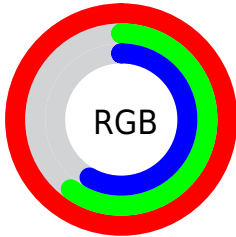
Format	Color
R _Y B	255, 152, 147
Decimal	16750739
CIE Lab	73.43, 37.97, 19.30
CIE LCh	73, 42.597, 26.941
Yxy	45.8231, 0.4215, 0.3346
Android (android.graphics.Color)	4294940819 (0xFFFF9893)
YUV	182.2270, -17.3669, 63.8219
Hunter-Lab	67.6928, 33.7791, 18.1261

Details

The XYZ color **57.7347, 45.8231, 33.4055** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.2664, 81.7904, 107.0075**, and the grayscale version is **44.6560, 46.9816, 51.1629**.

A 20% lighter version of the original color is **74.0954, 70.1027, 64.8843**, and **29.0788, 21.3703, 13.6586** is the 20% darker color. If you saturate the color by 10%, you get **52.4006, 38.0102, 22.8256**, and if you desaturate by 10%, it is **64.3237, 55.4362, 46.5925**.

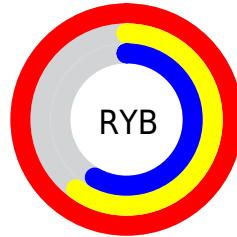
Distribution



Red (100%)

Green (60%)

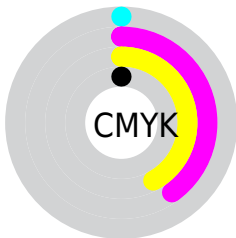
Blue (58%)



Red (100%)

Yellow (60%)

Blue (58%)

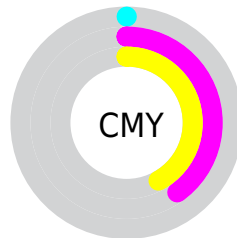


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7347, 45.8231, 33.4055 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 57.7347, 45.8231, 33.4055 by changing the saturation by 10% instead.


 57.7347, 45.8231,
33.4055

 57.7347, 45.8231,
33.4055


406.1665,
370.0970, 332.1609

 41.8378, 32.1062,
22.1636


 100.6616, 83.9542,
66.1314

 29.1649, 21.4427,
13.7777


 128.4224,
109.1372, 88.4525

 19.3505, 13.4480,
7.8292


160.8685,
138.9111, 115.3037

 12.0293, 7.7377,
3.8997


198.3652,
173.6602, 147.1036

 6.8360, 3.9276,
1.5705

241.2781,
213.7690, 184.2707

 3.4052, 1.6331,
0.2696

289.9723,

 1.3715, 0.3798,

259.6218, 227.2236

0.0000

344.8133,
311.6030, 276.3808

■ 0.2358, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7347, 45.8231,
33.4055

■ 57.7347, 45.8231,
33.4055

■ 52.4006, 38.0102,
22.8256

■ 64.3237, 55.4362,
46.5925

■ 48.2386, 31.8790,
14.6774

■ 72.2366, 66.9443,
62.5410

■ 45.1611, 27.3082,
8.7684

■ 81.5416, 80.4441,
81.3963

■ 43.0673, 24.1567,
4.8756

■ 92.3010, 96.0236,
103.2929

■ 41.8367, 22.2585, 95.0499, 100.0000,
2.7301 108.9000

■ 41.3692, 21.5186,
1.9731

Harmonies

Analogous

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



59.6210, 45.8231, 52.1326



57.7347, 45.8231, 33.4055



51.9140, 45.8231, 22.6418

Triad

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



57.7347, 45.8231, 33.4055



32.5385, 45.8231, 30.5653



42.7876, 45.8231, 103.6244

Complementary

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



57.7347, 45.8231, 33.4055



64.2664, 81.7904, 107.0075

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.



36.1425, 45.8231, 93.1941



57.7347, 45.8231, 33.4055



30.6679, 45.8231, 47.7195

Square

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



57.7347, 45.8231, 33.4055



37.3337, 45.8231, 21.3637



31.9083, 45.8231, 71.0718



50.4283, 45.8231, 96.5808

Rectangle

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



57.7347, 45.8231, 33.4055



46.8980, 45.8231, 19.4799



31.9083, 45.8231, 71.0718



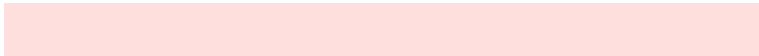
40.3719, 45.8231, 101.9882

Sweetspot

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



57.7359, 45.8254, 33.4064



80.8958, 79.5081, 80.0848



69.1495, 49.1180, 97.4337



16.8535, 16.3489, 16.2049



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.



57.7359, 45.8254, 33.4064



53.0519, 38.9662, 24.1104



68.2423, 66.8383, 36.9085



18.0769, 18.1220, 18.6895



21.6450, 11.3013, 1.0405



2.1302, 1.1458, 0.1089

Inverse Universe

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



64.2664, 81.7904, 107.0075



60.3671, 79.3101, 106.7344



50.1401, 53.5377, 102.2987



18.4785, 20.3285, 23.1998



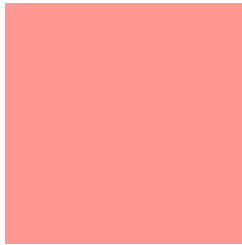
26.2384, 37.3863, 55.2680



2.5761, 3.6830, 5.3884

Previews

White Background



This preview shows how the XYZ color 57.7347, 45.8231, 33.4055 looks on a white background.

Color Contrast Check

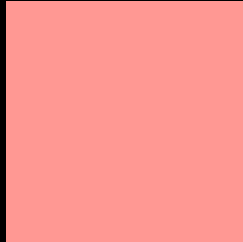
Large Text (above 18pt) WCAG AA × Fail

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 57.7347, 45.8231, 33.4055 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 57.7347, 45.8231, 33.4055

Background



This preview shows how black text looks on a background with the XYZ color 57.7347, 45.8231, 33.4055.



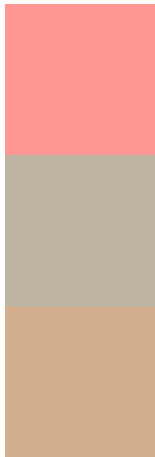
This preview shows how white text looks on a background with the XYZ color 57.7347, 45.8231,

33.4055.

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

57.7347, 45.8231, 33.4055

Protanopia

43.7405, 46.0345, 40.2984

Deuteranopia

46.9579, 46.1042, 32.4106



Tritanopia

58.7396, 45.9664, 39.4947

Trichromacy



Original Color

57.7347, 45.8231, 33.4055



Protanomaly

47.8160, 45.2959, 37.6753



Deuteranomaly

50.3488, 45.6169, 32.5368



Tritanomaly

58.3074, 45.7935, 37.2184

Monochromacy



Original Color

57.7347, 45.8231, 33.4055



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.0188, 45.5457, 43.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7347, 45.8231, 33.4055 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, 152, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 147)  
}
```

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, 152, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 147) }
```

Border

The CSS property to change the border of an element to XYZ 57.7347, 45.8231, 33.4055 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, 152, 147) }
```


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

```
.border{ border-color:rgb(255, 152, 147) }
```

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

Here you see how a box with a 4 pixel rgb(255, 152, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7347, 45.8231, 33.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 147) }
```

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

```
.background{ background-color: rgb(255,  
152, 147) }
```

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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