

Converting Colors

XYZ(63.5451, 48.2807, 32.1268)

Have a look what the booklet for
XYZ(63.5451, 48.2807, 32.1268)
contains.

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Color

**XYZ(57.1043, 45.0559,
31.6735)**

Conversions

Conversions Part 1

Format	Color
Hex	FF968F
RGB	255, 150, 143
RGB Percent	100%, 59%, 56%
CMY	0.0000, 0.4117, 0.4392
CMYK	0.00, 0.41, 0.44, 0.00
HSL	4°, 100%, 78%
HSV	4°, 44%, 100%
XYZ	57.1043, 45.0559, 31.6735
YIQ	180.5970, 64.8270, 20.0830

Conversions

Conversions Part 2

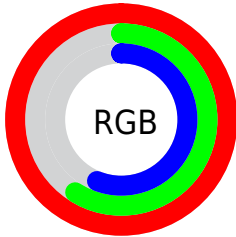
Format	Color
R _Y B	255, 150, 143
Decimal	16750223
CIE Lab	72.93, 38.59, 20.81
CIE LCh	73, 43.843, 28.333
Yxy	45.0559, 0.4267, 0.3367
Android (android.graphics.Color)	4294940303 (0xFFFF968F)
YUV	180.5970, -18.5353, 65.2514
Hunter-Lab	67.1237, 34.3893, 19.0096

Details

The XYZ color **57.1043, 45.0559, 31.6735** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.9433, 80.1907, 106.7685**, and the grayscale version is **43.7770, 46.0568, 50.1558**.

A 20% lighter version of the original color is **73.1494, 68.9539, 62.2774**, and **28.7562, 20.9418, 12.8825** is the 20% darker color. If you saturate the color by 10%, you get **51.9543, 37.5041, 21.4852**, and if you desaturate by 10%, it is **63.4737, 54.3440, 44.4350**.

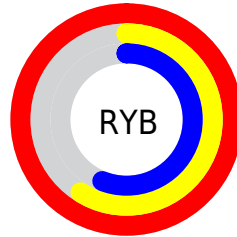
Distribution



Red (100%)

Green (59%)

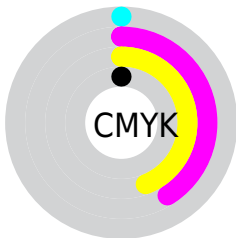
Blue (56%)



Red (100%)

Yellow (59%)

Blue (56%)

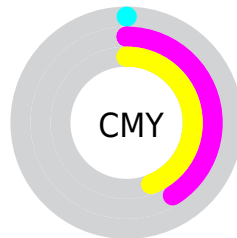


Cyan (0%)

Magenta (41%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1043, 45.0559, 31.6735 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 57.1043, 45.0559, 31.6735 by changing the saturation by 10% instead.

 57.1043, 45.0559,
31.6735

 57.1043, 45.0559,
31.6735


403.8479,
366.9999, 324.0760

 41.3295, 31.5015,
20.8495

 99.7478, 82.8043,
63.3908

 28.7654, 20.9810,
12.8239


 127.3472,
107.7670, 85.1212

 19.0468, 13.1101,
7.1781


159.6189,
137.3013, 111.3242

 11.8083, 7.5044,
3.4936

196.9281,
171.7916, 142.4182

 6.6846, 3.7795,
1.3519

239.6402,
211.6221, 178.8219

 3.3102, 1.5510,
0.1037

288.1207,

 1.3198, 0.3242,

257.1775, 220.9537

0.0000

342.7348,
308.8419, 269.2322

■ 0.1980, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1043, 45.0559,
31.6735

■ 57.1043, 45.0559,
31.6735

■ 51.9543, 37.5041,
21.4852

■ 63.4737, 54.3440,
44.4350

■ 47.9426, 31.5743,
13.6931

■ 71.1299, 65.4596,
59.9256

■ 44.9834, 27.1497,
8.1016

■ 80.1396, 78.4957,
78.2916

■ 42.9775, 24.0947,
4.4835

■ 90.5638, 93.5372,
99.6683

■ 41.8064, 22.2491, 95.0499, 100.0000,
2.5620 108.9000

■ 41.4245, 21.6291,
1.9915

Harmonies

Analogous

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



59.2558, 45.0559, 50.2930



57.1043, 45.0559, 31.6735



51.0112, 45.0559, 21.2502

Triad

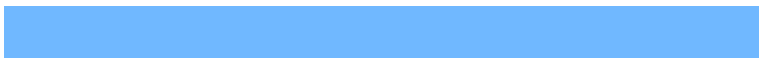
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.1043, 45.0559, 31.6735



31.4957, 45.0559, 30.1154



42.3981, 45.0559, 104.2931

Complementary

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



57.1043, 45.0559, 31.6735



62.9433, 80.1907, 106.7685

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.



35.5638, 45.0559, 94.3003



57.1043, 45.0559, 31.6735



29.7514, 45.0559, 47.8438

Square

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



57.1043, 45.0559, 31.6735



36.2222, 45.0559, 20.5568



31.1486, 45.0559, 71.8637



50.1835, 45.0559, 96.2061

Rectangle

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



57.1043, 45.0559, 31.6735



45.8652, 45.0559, 18.3081



31.1486, 45.0559, 71.8637



39.9208, 45.0559, 102.8913

Sweetspot

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



57.1054, 45.0582, 31.6743



81.0399, 79.7962, 80.1328



68.2239, 47.7698, 95.5746



16.8885, 16.4188, 16.2165



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.



57.1054, 45.0582, 31.6743



52.3800, 38.1303, 22.3208



67.9338, 66.7149, 35.2838



18.1006, 18.1693, 18.6974



21.6798, 11.3709, 1.0521



2.1414, 1.1682, 0.1126

Inverse Universe

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



62.9433, 80.1907, 106.7685



58.8969, 77.4463, 106.4522



48.5365, 51.3770, 101.9662



18.4518, 20.2753, 23.1910



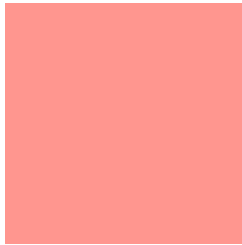
25.6091, 36.1277, 55.0582



2.5217, 3.5742, 5.3702

Previews

White Background



This preview shows how the XYZ color 57.1043, 45.0559, 31.6735 looks on a white background.

Color Contrast Check

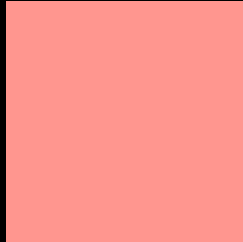
Large Text (above 18pt) WCAG AA × Fail

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 57.1043, 45.0559, 31.6735 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 57.1043, 45.0559, 31.6735

Background



This preview shows how black text looks on a background with the XYZ color 57.1043, 45.0559, 31.6735.



This preview shows how white text looks on a background with the XYZ color 57.1043, 45.0559,

31.6735.

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

57.1043, 45.0559, 31.6735

Protanopia

42.9449, 45.3659, 38.3913

Deuteranopia

45.9911, 45.0708, 30.7016



Tritanopia

58.0879, 44.9430, 38.4142

Trichromacy



Original Color

57.1043, 45.0559, 31.6735



Protanomaly

46.8215, 44.2693, 35.7828



Deuteranomaly

49.3731, 44.6131, 30.8199



Tritanomaly

57.7372, 45.0548, 35.7904

Monochromacy



Original Color

57.1043, 45.0559, 31.6735



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.3622, 44.9494, 42.7391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1043, 45.0559, 31.6735 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, 150, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 143)  
}
```

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, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.1043, 45.0559, 31.6735 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, 150, 143) }
```


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

```
.border{ border-color:rgb(255, 150, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1043, 45.0559, 31.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 143) }
```

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

```
.background{ background-color: rgb(255,  
150, 143) }
```

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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