

Converting Colors

XYZ(57.2270, 45.1644, 34.7510)

Have a look what the booklet for
XYZ(57.2270, 45.1644, 34.7510)
contains.

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Color

**XYZ(57.2844, 45.0855,
34.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9696
RGB	254, 150, 150
RGB Percent	100%, 59%, 59%
CMY	0.0039, 0.4117, 0.4118
CMYK	0.00, 0.41, 0.41, 0.00
HSL	0°, 98%, 79%
HSV	0°, 41%, 100%
XYZ	57.2844, 45.0855, 34.5373
YIQ	181.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

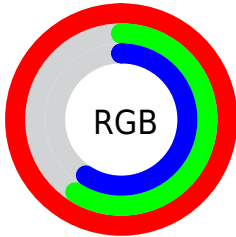
Format	Color
RYB	254, 150, 150
Decimal	16684694
CIELab	72.95, 38.95, 16.96
CIELCh	73, 42.483, 23.532
Yxy	45.0855, 0.4184, 0.3293
Android (android.graphics.Color)	4294874774 (0xFFFE9696)
YUV	181.0960, -15.3303, 63.9368
Hunter-Lab	67.1457, 34.7796, 16.5054

Details

The XYZ color **57.2844, 45.0855, 34.5373** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9072, 84.5197, 106.6061**, and the grayscale version is **44.0309, 46.3239, 50.4467**.

A 20% lighter version of the original color is **73.9704, 69.2823, 66.6009**, and **28.7750, 20.9196, 14.3257** is the 20% darker color. If you saturate the color by 10%, you get **51.8334, 37.1096, 23.6996**, and if you desaturate by 10%, it is **64.0593, 54.9998, 48.0040**.

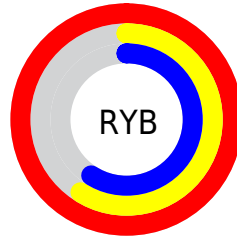
Distribution



Red (100%)

Green (59%)

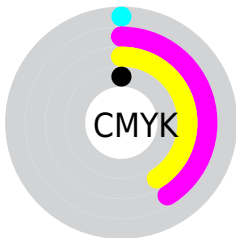
Blue (59%)



Red (100%)

Yellow (59%)

Blue (59%)

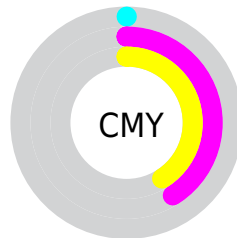


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2844, 45.0855, 34.5373 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 57.2844, 45.0855, 34.5373 by changing the saturation by 10% instead.

 57.2844, 45.0855,
34.5373


 57.2844, 45.0855,
34.5373


404.5111,
367.1197, 337.3633

 41.4746, 31.5248,
23.0260


 100.0090, 82.8487,
67.9118

 28.8795, 20.9988,
14.4072

 127.6546,
107.8200, 90.6120

 19.1335, 13.1231,
8.2625


159.9761,
137.3635, 117.8789

 11.8713, 7.5134,
4.1732

197.3390,
171.8638, 150.1311

 6.7277, 3.7852,
1.7208

240.1086,
211.7052, 187.7871

 3.3372, 1.5541,
0.3749

288.6503,

 1.3345, 0.3264,

257.2720, 231.2654

0.0000

343.3293,
308.9487, 280.9846

■ 0.2088, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2844, 45.0855,
34.5373

■ 57.2844, 45.0855,
34.5373

■ 51.8334, 37.1096,
23.6996

■ 64.0593, 54.9998,
48.0040

■ 47.6165, 30.9390,
15.3170

■ 72.2332, 66.9605,
64.2533

■ 44.5385, 26.4349,
9.1985

■ 81.8796, 81.0758,
83.4299

■ 42.4887, 23.4354,
5.1240

■ 93.0658, 97.4444,
105.6679

■ 41.3343, 21.7460,
2.8295

94.6830, 99.8108,
108.8828

■ 40.8732, 21.0711,
1.9129

Harmonies

Analogous

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



58.6222, 45.0855, 53.8311



57.2844, 45.0855, 34.5373



51.8891, 45.0855, 23.0486

Triad

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



57.2844, 45.0855, 34.5373



32.3873, 45.0855, 28.6155



41.2676, 45.0855, 101.8084

Complementary

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



57.2844, 45.0855, 34.5373



65.9072, 84.5197, 106.6061

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.



34.9310, 45.0855, 89.7496



57.2844, 45.0855, 34.5373



30.1994, 45.0855, 44.6366

Square

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



57.2844, 45.0855, 34.5373



37.4129, 45.0855, 20.3823



31.0740, 45.0855, 67.2465



48.7951, 45.0855, 96.7979

Rectangle

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



57.2844, 45.0855, 34.5373



47.0188, 45.0855, 19.4404



31.0740, 45.0855, 67.2465



38.9397, 45.0855, 99.5263

Sweetspot

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



57.2856, 45.0878, 34.5382



81.5126, 80.1910, 81.9880



69.6689, 50.0396, 99.7525



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.



57.2856, 45.0878, 34.5382



53.2628, 38.8535, 25.8289



67.4988, 65.5141, 37.9426



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

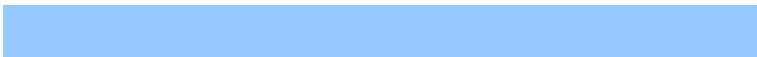
The Inverse Universe completely reimagines the original color for something new.



65.9072, 84.5197, 106.6061



63.0214, 83.4853, 107.4004



51.5879, 55.8812, 101.8330



18.5549, 20.4813, 23.2253



28.1145, 41.1387, 55.8934



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 57.2844, 45.0855, 34.5373 looks on a white background.

Color Contrast Check

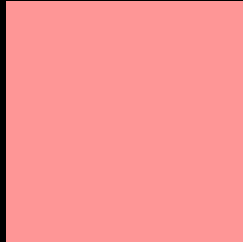
Large Text (above 18pt) WCAG AA × Fail

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 57.2844, 45.0855, 34.5373 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 57.2844, 45.0855, 34.5373

Background



This preview shows how black text looks on a background with the XYZ color 57.2844, 45.0855, 34.5373.



This preview shows how white text looks on a background with the XYZ color 57.2844, 45.0855,

34.5373.

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

57.2844, 45.0855, 34.5373

Protanopia

43.1613, 45.3959, 42.0848

Deuteranopia

45.9533, 44.9903, 33.4561



Tritanopia

58.2455, 45.2581, 38.4667

Trichromacy



Original Color

57.2844, 45.0855, 34.5373

Protanomaly

47.2118, 44.3922, 39.3379

Deuteranomaly

49.5933, 44.6651, 33.6111

Tritanomaly

57.9882, 45.1552, 37.1120

Monochromacy



Original Color

57.2844, 45.0855, 34.5373

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.6428, 45.0616, 44.2169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2844, 45.0855, 34.5373 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(254, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 150)  
}
```

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(254, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 57.2844, 45.0855, 34.5373 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(254, 150, 150) }
```


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

```
.border{ border-color:rgb(254, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2844, 45.0855, 34.5373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 150, 150) }
```

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

```
.background{ background-color: rgb(254,  
150, 150) }
```

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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