

Converting Colors

XYZ(66.7796, 49.7247, 34.0237)

Have a look what the booklet for
XYZ(66.7796, 49.7247, 34.0237)
contains.

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Color

**XYZ(57.3327, 44.8930,
33.6604)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9594
RGB	255, 149, 148
RGB Percent	100%, 58%, 58%
CMY	0.0000, 0.4157, 0.4196
CMYK	0.00, 0.42, 0.42, 0.00
HSL	1°, 100%, 79%
HSV	1°, 42%, 100%
XYZ	57.3327, 44.8930, 33.6604
YIQ	180.5800, 63.4970, 22.1610

Conversions

Conversions Part 2

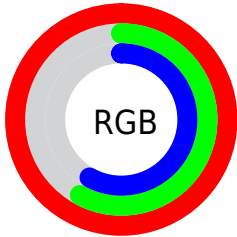
Format	Color
RYB	255, 149, 148
Decimal	16749972
CIELab	72.82, 39.61, 17.91
CIElCh	73, 43.474, 24.325
Yxy	44.8930, 0.4219, 0.3304
Android (android.graphics.Color)	4294940052 (0xFFFF9594)
YUV	180.5800, -16.0619, 65.2663
Hunter-Lab	67.0022, 35.4856, 17.1156

Details

The XYZ color **57.3327, 44.8930, 33.6604** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.7027, 84.3956, 107.4346**, and the grayscale version is **43.7553, 46.0340, 50.1311**.

A 20% lighter version of the original color is **73.4935, 68.7100, 65.2659**, and **28.8462, 20.8309, 13.8097** is the 20% darker color. If you saturate the color by 10%, you get **51.9599, 37.0295, 22.9844**, and if you desaturate by 10%, it is **64.0191, 54.6720, 46.9684**.

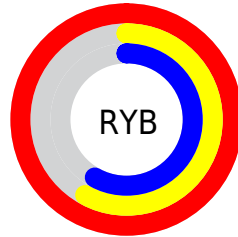
Distribution



Red (100%)

Green (58%)

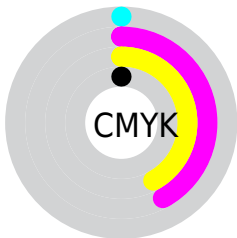
Blue (58%)



Red (100%)

Yellow (58%)

Blue (58%)

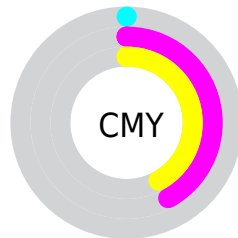


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3327, 44.8930, 33.6604 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 57.3327, 44.8930, 33.6604 by changing the saturation by 10% instead.


 57.3327, 44.8930,
33.6604

 57.3327, 44.8930,
33.6604


404.6889,
366.3400, 333.3379

 41.5136, 31.3732,
22.3576


 100.0790, 82.5598,
66.5331

 28.9101, 20.8832,
13.9191


 127.7370,
107.4756, 88.9400

 19.1567, 13.0386,
7.9263


160.0719,
136.9588, 115.8854

 11.8883, 7.4551,
3.9607

197.4492,
171.3938, 147.7877

 6.7393, 3.7483,
1.6038

240.2342,
211.1651, 185.0656

 3.3445, 1.5338,
0.2935

288.7922,

 1.3384, 0.3123,

256.6569, 228.1376

0.0000

343.4887,
308.2538, 277.4222

■ 0.2117, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3327, 44.8930,
33.6604

■ 57.3327, 44.8930,
33.6604

■ 51.9599, 37.0295,
22.9844

■ 64.0191, 54.6720,
46.9684

■ 47.8110, 30.9498,
14.7635

■ 72.0938, 66.4736,
63.0644

■ 44.7908, 26.5163,
8.8033

■ 81.6304, 80.4047,
82.0951

■ 42.7886, 23.5684,
4.8788

■ 92.6959, 96.5632,
104.1962

■ 41.6713, 21.9134,
2.7189

95.0499, 99.9999,
108.9000

■ 41.2659, 21.3120,
1.9387

Harmonies

Analogous

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



58.8300, 44.8930, 53.1144



57.3327, 44.8930, 33.6604



51.7204, 44.8930, 22.2628

Triad

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



57.3327, 44.8930, 33.6604



31.9172, 44.8930, 28.4004



41.2480, 44.8930, 103.1106

Complementary

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



57.3327, 44.8930, 33.6604



65.7027, 84.3956, 107.4346

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.



34.7413, 44.8930, 91.0959



57.3327, 44.8930, 33.6604



29.7778, 44.8930, 44.8785

Square

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



57.3327, 44.8930, 33.6604



36.9578, 44.8930, 19.9136



30.7473, 44.8930, 68.1115



48.9412, 44.8930, 97.4738

Rectangle

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



57.3327, 44.8930, 33.6604



46.7186, 44.8930, 18.7568



30.7473, 44.8930, 68.1115



38.8613, 44.8930, 100.9154

Sweetspot

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



57.3339, 44.8953, 33.6612



80.5690, 78.8544, 79.9759



69.8799, 49.6601, 100.5098



16.7743, 16.1905, 16.1785



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.



57.3339, 44.8953, 33.6612



52.9141, 38.4267, 24.8782



67.5888, 65.4051, 37.0796



18.0231, 18.0144, 18.6715



21.5683, 11.1478, 1.0150



2.1046, 1.0946, 0.1004

Inverse Universe

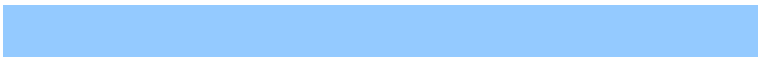
The Inverse Universe completely reimagines the original color for something new.



65.7027, 84.3956, 107.4346



62.2558, 82.5280, 107.2560



51.2664, 55.5230, 102.6225



18.5394, 20.4504, 23.2201



27.7264, 40.3625, 55.7640



2.7042, 3.9390, 5.4311

Previews

White Background



This preview shows how the XYZ color 57.3327, 44.8930, 33.6604 looks on a white background.

Color Contrast Check

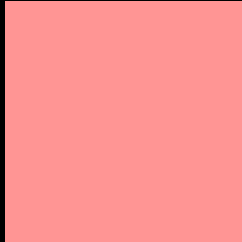
Large Text (above 18pt) WCAG AA × Fail

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 57.3327, 44.8930, 33.6604 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 57.3327, 44.8930, 33.6604

Background



This preview shows how black text looks on a background with the XYZ color 57.3327, 44.8930, 33.6604.



This preview shows how white text looks on a background with the XYZ color 57.3327, 44.8930,

33.6604.

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

57.3327, 44.8930, 33.6604

Protanopia

42.9807, 45.3236, 41.1333

Deuteranopia

46.0811, 45.0740, 32.6570



Tritanopia

58.0879, 44.9430, 38.4142

Trichromacy



Original Color

57.3327, 44.8930, 33.6604

Protanomaly

47.0382, 44.3228, 38.4237

Deuteranomaly

49.7503, 44.7640, 32.8063

Tritanomaly

57.7463, 44.8064, 36.6153

Monochromacy



Original Color

57.3327, 44.8930, 33.6604

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.3618, 44.6504, 43.6583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3327, 44.8930, 33.6604 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 148) }
```

Border

The CSS property to change the border of an element to XYZ 57.3327, 44.8930, 33.6604 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, 148) }
```


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

```
.border{ border-color:rgb(255, 149, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 149, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 149, 148); box-shadow:4px 4px 4px 4px rgb(255, 149, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3327, 44.8930, 33.6604 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
149, 148) }
```

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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