

Converting Colors

XYZ(64.3731, 48.4393, 33.0419)

Have a look what the booklet for
XYZ(64.3731, 48.4393, 33.0419)
contains.

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Color

**XYZ(57.1758, 44.8302,
32.8337)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9592
RGB	255, 149, 146
RGB Percent	100%, 58%, 57%
CMY	0.0000, 0.4157, 0.4274
CMYK	0.00, 0.42, 0.43, 0.00
HSL	2°, 100%, 79%
HSV	2°, 43%, 100%
XYZ	57.1758, 44.8302, 32.8337
YIQ	180.3520, 64.1390, 21.5390

Conversions

Conversions Part 2

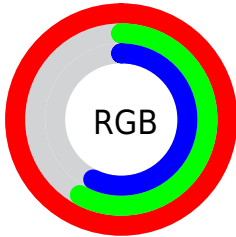
Format	Color
R _Y B	255, 149, 146
Decimal	16749970
CIE Lab	72.78, 39.41, 18.95
CIE LCh	73, 43.728, 25.684
Yxy	44.8302, 0.4240, 0.3325
Android (android.graphics.Color)	4294940050 (0xFFFF9592)
YUV	180.3520, -16.9355, 65.4663
Hunter-Lab	66.9554, 35.2563, 17.7940

Details

The XYZ color **57.1758, 44.8302, 32.8337** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.7128, 82.9482, 107.2076**, and the grayscale version is **43.6368, 45.9093, 49.9952**.

A 20% lighter version of the original color is **73.2582, 68.6159, 64.0266**, and **28.7999, 20.8124, 13.5656** is the 20% darker color. If you saturate the color by 10%, you get **51.8947, 37.0963, 22.3543**, and if you desaturate by 10%, it is **63.7367, 54.4157, 45.9230**.

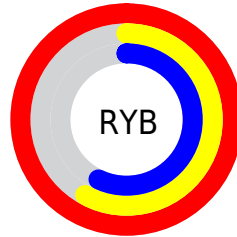
Distribution



Red (100%)

Green (58%)

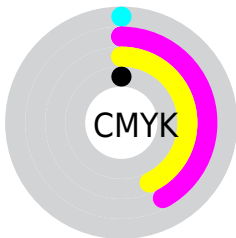
Blue (57%)



Red (100%)

Yellow (58%)

Blue (57%)

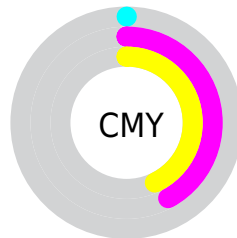


Cyan (0%)

Magenta (42%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1758, 44.8302, 32.8337 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 57.1758, 44.8302, 32.8337 by changing the saturation by 10% instead.


 57.1758, 44.8302,
32.8337

 57.1758, 44.8302,
32.8337


404.1113,
366.0854, 329.5087

 41.3871, 31.3237,
21.7290


 99.8515, 82.4656,
65.2288

 28.8107, 20.8455,
13.4615


 127.4693,
107.3632, 87.3563

 19.0812, 13.0111,
7.6127


159.7607,
136.8267, 113.9952

 11.8333, 7.4362,
3.7639

197.0913,
171.2404, 145.5640

 6.7017, 3.7364,
1.4967

239.8262,
210.9887, 182.4811

 3.3209, 1.5272,
0.2155

288.3310,

 1.3256, 0.3078,

256.4561, 225.1653

0.0000

342.9709,
308.0268, 274.0350

■ 0.2023, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1758, 44.8302,
32.8337

■ 57.1758, 44.8302,
32.8337

■ 51.8947, 37.0963,
22.3543

■ 63.7367, 54.4157,
45.9230

■ 47.8067, 31.0885,
14.3077

■ 71.6498, 65.9545,
61.7781

■ 44.8200, 26.6762,
8.4989

■ 80.9861, 79.5488,
80.5459

■ 42.8276, 23.7077,
4.7018

■ 91.8106, 95.2916,
102.3620

■ 41.7014, 22.0016, 95.0500, 100.0000,
2.6428 108.9000

■ 41.3163, 21.4127,
1.9554

Harmonies

Analogous

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



58.8982, 44.8302, 52.0289



57.1758, 44.8302, 32.8337



51.3865, 44.8302, 21.7718

Triad

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



57.1758, 44.8302, 32.8337



31.6480, 44.8302, 28.8228



41.5199, 44.8302, 103.5390

Complementary

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



57.1758, 44.8302, 32.8337



64.7128, 82.9482, 107.2076

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.



34.8940, 44.8302, 92.1584



57.1758, 44.8302, 32.8337



29.6408, 44.8302, 45.7314

Square

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



57.1758, 44.8302, 32.8337



36.5873, 44.8302, 19.9851



30.7550, 44.8302, 69.2810



49.2593, 44.8302, 97.0518

Rectangle

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



57.1758, 44.8302, 32.8337



46.3247, 44.8302, 18.4628



30.7550, 44.8302, 69.2810



39.0990, 44.8302, 101.6024

Sweetspot

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



57.1769, 44.8324, 32.8345



80.7294, 79.1753, 80.0293



69.2779, 48.9216, 98.8732



16.8132, 16.2682, 16.1915



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.



57.1769, 44.8324, 32.8345



52.7278, 38.3180, 24.0024



67.6234, 65.7254, 36.3167



18.0495, 18.0672, 18.6803



21.6060, 11.2233, 1.0275



2.1172, 1.1198, 0.1046

Inverse Universe

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



64.7128, 82.9482, 107.2076



61.1267, 80.8293, 106.9876



50.2550, 54.0326, 102.3884



18.5094, 20.3904, 23.2101



26.9853, 38.8803, 55.5169



2.6405, 3.8117, 5.4098

Previews

White Background



This preview shows how the XYZ color 57.1758, 44.8302, 32.8337 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 57.1758, 44.8302, 32.8337 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 57.1758, 44.8302, 32.8337

Background



This preview shows how black text looks on a background with the XYZ color 57.1758, 44.8302, 32.8337.



This preview shows how white text looks on a background with the XYZ color 57.1758, 44.8302,

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

57.1758, 44.8302, 32.8337

Protanopia

42.8469, 44.9788, 40.1417

Deuteranopia

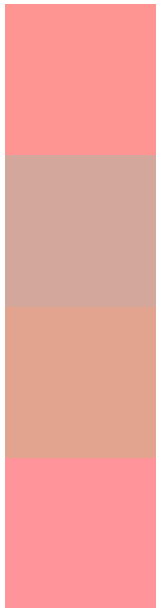
45.9295, 45.0134, 31.8589



Tritanopia

58.0015, 44.9084, 37.9589

Trichromacy



Original Color

57.1758, 44.8302, 32.8337

Protanomaly

46.9708, 44.0348, 37.4764

Deuteranomaly

49.5974, 44.7028, 32.0010

Tritanomaly

57.6626, 44.7729, 36.1747

Monochromacy



Original Color

57.1758, 44.8302, 32.8337

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.9880, 44.4685, 43.1525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1758, 44.8302, 32.8337 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 146) }
```

Border

The CSS property to change the border of an element to XYZ 57.1758, 44.8302, 32.8337 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, 146) }
```


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

```
.border{ border-color:rgb(255, 149, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 149, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 149, 146); box-shadow:4px 4px 4px 4px rgb(255, 149, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1758, 44.8302, 32.8337 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, 146) }
```

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

```
.background{ background-color: rgb(255,  
149, 146) }
```

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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