

Converting Colors

XYZ(82.0818, 56.6813, 35.1105)

Have a look what the booklet for
XYZ(82.0818, 56.6813, 35.1105)
contains.

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Color

**XYZ(56.7902, 43.6807,
33.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9195
RGB	255, 145, 149
RGB Percent	100%, 57%, 58%
CMY	0.0000, 0.4313, 0.4157
CMYK	0.00, 0.43, 0.42, 0.00
HSL	358°, 100%, 78%
HSV	358°, 43%, 100%
XYZ	56.7902, 43.6807, 33.8718
YIQ	178.3460, 64.2760, 24.5640

Conversions

Conversions Part 2

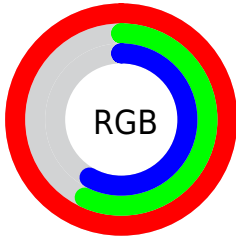
Format	Color
R _Y B	255, 145, 149
Decimal	16748949
CIE Lab	72.01, 41.76, 16.23
CIE LCh	72, 44.800, 21.245
Yxy	43.6807, 0.4227, 0.3251
Android (android.graphics.Color)	4294939029 (0xFFFF9195)
YUV	178.3460, -14.4676, 67.2256
Hunter-Lab	66.0914, 37.7194, 15.8779

Details

The XYZ color **56.7902, 43.6807, 33.8718** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.8518, 84.5057, 104.1649**, and the grayscale version is **42.5517, 44.7677, 48.7520**.

A 20% lighter version of the original color is **72.6738, 66.8804, 65.5788**, and **28.5374, 20.1382, 13.9383** is the 20% darker color. If you saturate the color by 10%, you get **51.5625, 36.0407, 23.4496**, and if you desaturate by 10%, it is **63.3085, 53.2394, 46.7671**.

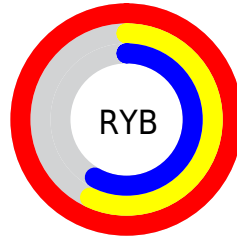
Distribution



Red (100%)

Green (57%)

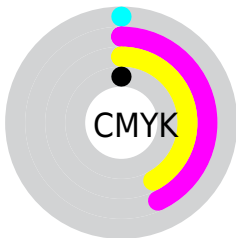
Blue (58%)



Red (100%)

Yellow (57%)

Blue (58%)

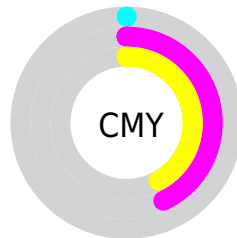


Cyan (0%)

Magenta (43%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7902, 43.6807, 33.8718 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 56.7902, 43.6807, 33.8718 by changing the saturation by 10% instead.

 56.7902, 43.6807,
33.8718


 56.7902, 43.6807,
33.8718


402.6896,
361.4037, 334.3117

 41.0763, 30.4196,
22.5186


 99.2921, 80.7371,
66.8659

 28.5666, 20.1573,
14.0365


 126.8109,
105.3011, 89.3438

 18.8959, 12.5094,
8.0070

158.9953,
134.4015, 116.3670

 11.6986, 7.0916,
4.0116

196.2107,
168.4227, 148.3541

 6.6095, 3.5195,
1.6317

238.8225,
207.7492, 185.7236

 3.2633, 1.4086,
0.3133

287.1960,

 1.2945, 0.2230,

252.7652, 228.8940

0.0000

341.6966,
303.8553, 278.2838

■ 0.1791, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7902, 43.6807,
33.8718

■ 56.7902, 43.6807,
33.8718

■ 51.5625, 36.0407,
23.4496

■ 63.3085, 53.2394,
46.7671

■ 47.5364, 30.1839,
15.3399

■ 71.1917, 64.8271,
62.2770

■ 44.6174, 25.9677,
9.3674

■ 80.5125, 78.5538,
80.5355

■ 42.6951, 23.2247,
5.3305

■ 91.3373, 94.5196,
101.6665

■ 41.6363, 21.7519, 95.0499, 100.0000,
2.9890 108.9000

■ 41.2907, 21.2803,
2.1971

Harmonies

Analogous

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



57.8169, 43.6807, 54.2650



56.7902, 43.6807, 33.8718



51.4219, 43.6807, 21.6940

Triad

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



56.7902, 43.6807, 33.8718



31.0710, 43.6807, 25.7648



39.3184, 43.6807, 102.5231

Complementary

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



56.7902, 43.6807, 33.8718



64.8518, 84.5057, 104.1649

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.



32.9737, 43.6807, 88.5532



56.7902, 43.6807, 33.8718



28.6109, 43.6807, 41.4329

Square

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



56.7902, 43.6807, 33.8718



36.4124, 43.6807, 18.1122



29.2619, 43.6807, 64.5156



47.0781, 43.6807, 98.6158

Rectangle

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



56.7902, 43.6807, 33.8718



46.4281, 43.6807, 17.7853



29.2619, 43.6807, 64.5156



36.9654, 43.6807, 99.6372

Sweetspot

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



56.7913, 43.6829, 33.8726



80.6480, 78.7535, 80.8004



67.4219, 47.7047, 100.2620



16.7935, 16.1661, 16.3782



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.



56.7913, 43.6829, 33.8726



52.0935, 36.8154, 24.5126



65.7554, 62.1128, 35.3142



18.0361, 17.9978, 18.8073



21.5868, 11.1240, 1.2088



2.1108, 1.0867, 0.1650

Inverse Universe

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



56.7913, 43.6829, 33.8726



52.0935, 36.8154, 24.5126



51.6802, 57.1441, 102.9137



18.0361, 17.9978, 18.8073



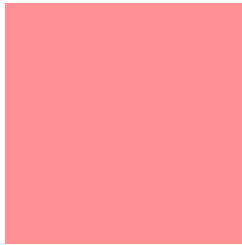
21.5868, 11.1240, 1.2088



2.1108, 1.0867, 0.1650

Previews

White Background



This preview shows how the XYZ color 56.7902, 43.6807, 33.8718 looks on a white background.

Color Contrast Check

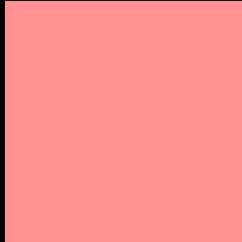
Large Text (above 18pt) WCAG AA × Fail

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 56.7902, 43.6807, 33.8718 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 56.7902, 43.6807, 33.8718

Background



This preview shows how black text looks on a background with the XYZ color 56.7902, 43.6807, 33.8718.



This preview shows how white text looks on a background with the XYZ color 56.7902, 43.6807,

33.8718.

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

56.7902, 43.6807, 33.8718

Protanopia

41.8453, 43.8346, 41.8527

Deuteranopia

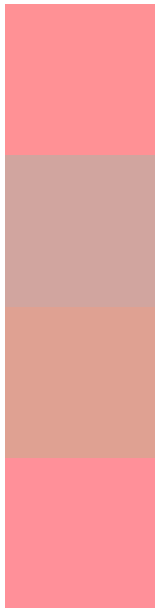
44.6624, 43.7729, 32.8831



Tritanopia

57.1297, 43.5731, 36.4097

Trichromacy



Original Color

56.7902, 43.6807, 33.8718

Protanomaly

46.0076, 42.9688, 38.6698

Deuteranomaly

48.3646, 43.2530, 32.9937

Tritanomaly

56.9630, 43.5064, 35.5323

Monochromacy



Original Color

56.7902, 43.6807, 33.8718

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

46.0649, 43.1843, 42.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7902, 43.6807, 33.8718 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, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 149)  
}
```

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, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 149) }
```

Border

The CSS property to change the border of an element to XYZ 56.7902, 43.6807, 33.8718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

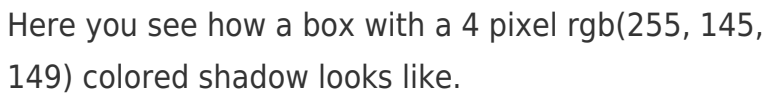
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 145, 149) }
```


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

```
.border{ border-color:rgb(255, 145, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 145, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 145, 149); box-shadow:4px 4px 4px 4px rgb(255, 145, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7902, 43.6807, 33.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 149) }
```

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

```
.background{ background-color: rgb(255,  
145, 149) }
```

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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