

Converting Colors

XYZ(57.5918, 46.0310, 31.8360)

Have a look what the booklet for
XYZ(57.5918, 46.0310, 31.8360)
contains.

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Color

**XYZ(57.5892, 46.0256,
31.8352)**

Conversions

Conversions Part 1

Format	Color
Hex	FF998F
RGB	255, 153, 143
RGB Percent	100%, 60%, 56%
CMY	0.0000, 0.4000, 0.4392
CMYK	0.00, 0.40, 0.44, 0.00
HSL	5°, 100%, 78%
HSV	5°, 44%, 100%
XYZ	57.5892, 46.0256, 31.8352
YIQ	182.3580, 64.0020, 18.5140

Conversions

Conversions Part 2

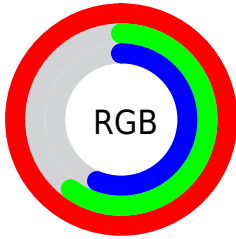
Format	Color
R _Y B	255, 154, 143
Decimal	16750991
CIE Lab	73.56, 37.05, 21.67
CIE LCh	74, 42.925, 30.327
Yxy	46.0256, 0.4252, 0.3398
Android (android.graphics.Color)	4294941071 (0xFFFF998F)
YUV	182.3580, -19.4035, 63.7070
Hunter-Lab	67.8422, 32.7995, 19.6675

Details

The XYZ color **57.5892, 46.0256, 31.8352** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0287, 78.3612, 106.4637**, and the grayscale version is **44.7378, 47.0677, 51.2567**.

A 20% lighter version of the original color is **73.8739, 70.4030, 62.5189**, and **29.0386, 21.5068, 12.9766** is the 20% darker color. If you saturate the color by 10%, you get **52.4345, 38.4643, 21.6453**, and if you desaturate by 10%, it is **63.9249, 55.2463, 44.5855**.

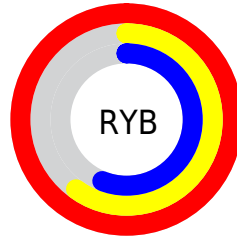
Distribution



Red (100%)

Green (60%)

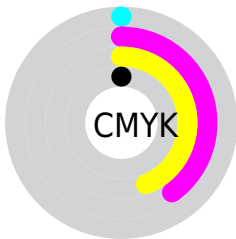
Blue (56%)



Red (100%)

Yellow (60%)

Blue (56%)

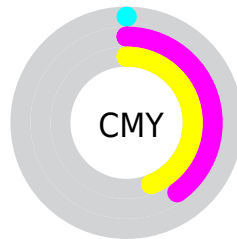


Cyan (0%)

Magenta (40%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5892, 46.0256, 31.8352 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 57.5892, 46.0256, 31.8352 by changing the saturation by 10% instead.


 57.5892, 46.0256,
31.8352

 57.5892, 46.0256,
31.8352


405.6320,
370.9116, 324.8374

 41.7205, 32.2660,
20.9719

 100.4508, 84.2573,
63.6475

 29.0726, 21.5648,
12.9124


 128.1744,
109.4982, 85.4337

 19.2803, 13.5375,
7.2382


160.5803,
139.3351, 111.6978

 11.9782, 7.7997,
3.5308

198.0339,
174.1522, 142.8584

 6.8009, 3.9670,
1.3717

240.9005,
214.3340, 179.3342

 3.3831, 1.6551,
0.1195

289.5455,

 1.3595, 0.3944,

260.2649, 221.5436

0.0000

344.3342,
312.3293, 269.9051

■ 0.2271, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5892, 46.0256,
31.8352

■ 57.5892, 46.0256,
31.8352

■ 52.4345, 38.4643,
21.6453

■ 63.9249, 55.2463,
44.5855

■ 48.3841, 32.4572,
13.8403

■ 71.5050, 66.2097,
60.0508

■ 45.3576, 27.8981,
8.2264

■ 80.3926, 79.0015,
78.3761

■ 43.2624, 24.6643,
4.5785

■ 90.6453, 93.7001,
99.6957

■ 41.9882, 22.6127, 95.0500, 100.0000,
2.6226 108.9000

■ 41.5420, 21.8641,
2.0307

Harmonies

Analogous

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



60.0209, 46.0256, 49.8759



57.5892, 46.0256, 31.8352



51.3749, 46.0256, 21.8666

Triad

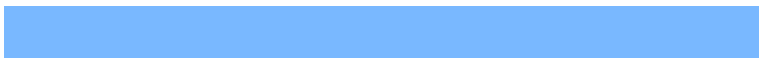
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.5892, 46.0256, 31.8352



32.2525, 46.0256, 32.1414



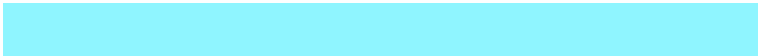
43.8293, 46.0256, 104.5987

Complementary

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



57.5892, 46.0256, 31.8352



62.0287, 78.3612, 106.4637

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.



36.9123, 46.0256, 95.9019



57.5892, 46.0256, 31.8352



30.7160, 46.0256, 50.3529

Square

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



57.5892, 46.0256, 31.8352



36.7836, 46.0256, 22.0041



32.3205, 46.0256, 74.3168



51.5357, 46.0256, 95.5348

Rectangle

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



57.5892, 46.0256, 31.8352



46.2440, 46.0256, 19.1743



32.3205, 46.0256, 74.3168



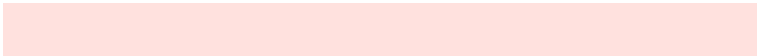
41.3396, 46.0256, 103.6324

Sweetspot

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



57.5904, 46.0279, 31.8361



81.2790, 80.2744, 80.2125



67.6461, 47.5387, 92.5314



16.9465, 16.5349, 16.2359



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.



57.5904, 46.0279, 31.8361



52.8620, 39.0943, 22.4814



68.8354, 68.5179, 35.5844



18.1398, 18.2478, 18.7104



21.7506, 11.5124, 1.0757



2.1599, 1.2053, 0.1188

Inverse Universe

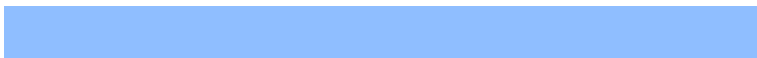
The Inverse Universe completely reimagines the original color for something new.



62.0287, 78.3612, 106.4637



57.8035, 75.2594, 106.0877



47.7194, 49.7428, 101.6940



18.4079, 20.1875, 23.1763



24.5994, 34.1083, 54.7216



2.4341, 3.3990, 5.3410

Previews

White Background



This preview shows how the XYZ color 57.5892, 46.0256, 31.8352 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 57.5892, 46.0256, 31.8352 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 57.5892, 46.0256, 31.8352

Background



This preview shows how black text looks on a background with the XYZ color 57.5892, 46.0256, 31.8352.



This preview shows how white text looks on a background with the XYZ color 57.5892, 46.0256,

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

57.5892, 46.0256, 31.8352

Protanopia

43.7598, 46.3952, 38.1013

Deuteranopia

47.2368, 46.2823, 30.8698



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

57.5892, 46.0256, 31.8352

Protanomaly

47.8804, 45.6563, 35.5671

Deuteranomaly

50.3648, 45.6599, 30.9697

Tritanomaly

58.3846, 46.0830, 36.8281

Monochromacy



Original Color

57.5892, 46.0256, 31.8352

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.9253, 45.5083, 43.3038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5892, 46.0256, 31.8352 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, 153, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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, 153, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.5892, 46.0256, 31.8352 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, 153, 143) }
```


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

```
.border{ border-color:rgb(255, 153, 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, 153, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5892, 46.0256, 31.8352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 143) }
```

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

```
.background{ background-color: rgb(255,  
153, 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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