

Converting Colors

XYZ(117.0883, 76.3532,
34.2153)

Have a look what the booklet for
XYZ(117.0883, 76.3532, 34.2153)
contains.

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Color

**XYZ(57.3507, 45.6695,
31.3836)**

Conversions

Conversions Part 1

Format	Color
Hex	FF988E
RGB	255, 152, 142
RGB Percent	100%, 60%, 56%
CMY	0.0000, 0.4039, 0.4431
CMYK	0.00, 0.40, 0.44, 0.00
HSL	5°, 100%, 78%
HSV	5°, 44%, 100%
XYZ	57.3507, 45.6695, 31.3836
YIQ	181.6570, 64.5980, 18.7260

Conversions

Conversions Part 2

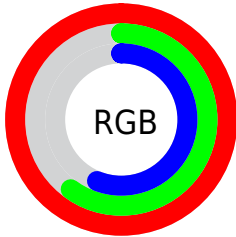
Format	Color
R _Y B	255, 153, 142
Decimal	16750734
CIE Lab	73.33, 37.46, 21.91
CIE LCh	73, 43.398, 30.315
Yxy	45.6695, 0.4267, 0.3398
Android (android.graphics.Color)	4294940814 (0xFFFF988E)
YUV	181.6570, -19.5509, 64.3218
Hunter-Lab	67.5792, 33.2193, 19.7713

Details

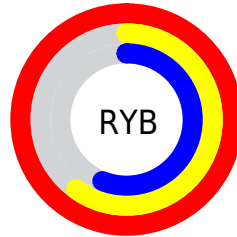
The XYZ color **57.3507, 45.6695, 31.3836** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.8560, 78.2718, 106.4552**, and the grayscale version is **44.3564, 46.6664, 50.8197**.

A 20% lighter version of the original color is **73.5166, 69.8712, 61.8363**, and **28.8993, 21.2985, 12.7131** is the 20% darker color. If you saturate the color by 10%, you get **52.2409, 38.1713, 21.2907**, and if you desaturate by 10%, it is **63.6399, 54.8256, 44.0309**.

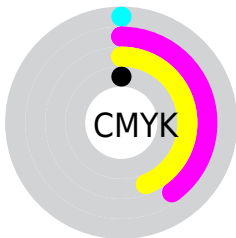
Distribution



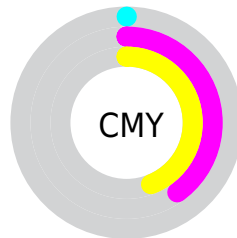
- Red (100%)
- Green (60%)
- Blue (56%)



- 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 57.3507, 45.6695, 31.3836 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 57.3507, 45.6695, 31.3836 by changing the saturation by 10% instead.


 57.3507, 45.6695,
31.3836

 57.3507, 45.6695,
31.3836


404.7551,
369.4783, 322.7074


 41.5281, 31.9851,
20.6302


 100.1051, 83.7242,
62.9301

 28.9215, 21.3501,
12.6654


 127.7677,
108.8632, 84.5604

 19.1654, 13.3802,
7.0705


 160.1076,
138.5892, 110.6533

 11.8946, 7.6908,
3.4271

197.4902,
173.2867, 141.6275

 6.7436, 3.8978,
1.3166

240.2810,
213.3399, 177.9015

 3.3472, 1.6165,
0.0754

288.8451,

 1.3399, 0.3687,

259.1334, 219.8938

0.0000

343.5480,
311.0514, 268.0229

■ 0.2128, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3507, 45.6695,
31.3836

■ 57.3507, 45.6695,
31.3836

■ 52.2409, 38.1713,
21.2907

■ 63.6399, 54.8256,
44.0309

■ 48.2333, 32.2254,
13.5758

■ 71.1722, 65.7233,
59.3875

■ 45.2471, 27.7245,
8.0441

■ 80.0109, 78.4491,
77.5992

■ 43.1889, 24.5451,
4.4690

■ 90.2140, 93.0814,
98.8006

■ 41.9473, 22.5425, 95.0499, 99.9999,
2.5738 108.9000

■ 41.5380, 21.8562,
2.0294

Harmonies

Analogous

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



59.8010, 45.6695, 49.4955



57.3507, 45.6695, 31.3836



51.0894, 45.6695, 21.4181

Triad

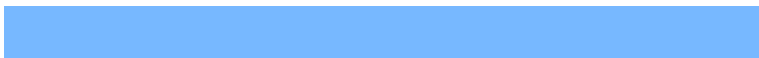
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.3507, 45.6695, 31.3836



31.8642, 45.6695, 31.6792



43.4883, 45.6695, 104.7170

Complementary

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



57.3507, 45.6695, 31.3836



61.8560, 78.2718, 106.4552

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.



36.5370, 45.6695, 95.9136



57.3507, 45.6695, 31.3836



30.3224, 45.6695, 49.9579

Square

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



57.3507, 45.6695, 31.3836



36.4125, 45.6695, 21.5502



31.9299, 45.6695, 74.1044



51.2454, 45.6695, 95.5558

Rectangle

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



57.3507, 45.6695, 31.3836



45.9238, 45.6695, 18.7341



31.9299, 45.6695, 74.1044



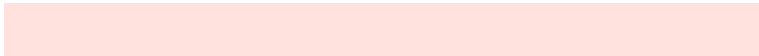
40.9849, 45.6695, 103.7369

Sweetspot

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



57.3519, 45.6718, 31.3845



81.2720, 80.2604, 80.2102



67.4837, 47.2346, 92.4141



16.9448, 16.5315, 16.2353



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.



57.3519, 45.6718, 31.3845



52.8476, 39.0655, 22.4766



68.6581, 68.2842, 35.1532



18.1387, 18.2455, 18.7101



21.7482, 11.5077, 1.0749



2.1594, 1.2042, 0.1186

Inverse Universe

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



61.8560, 78.2718, 106.4552



57.8353, 75.3230, 106.0983



47.4211, 49.4022, 101.6436



18.4092, 20.1901, 23.1767



24.6285, 34.1665, 54.7313



2.4367, 3.4040, 5.3419

Previews

White Background



This preview shows how the XYZ color 57.3507, 45.6695, 31.3836 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 57.3507, 45.6695, 31.3836 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 57.3507, 45.6695, 31.3836

Background



This preview shows how black text looks on a background with the XYZ color 57.3507, 45.6695, 31.3836.



This preview shows how white text looks on a background with the XYZ color 57.3507, 45.6695,

31.3836.

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

57.3507, 45.6695, 31.3836

Protanopia

43.2239, 45.8279, 37.5779

Deuteranopia

46.6824, 45.7192, 30.4090



Tritanopia

58.5794, 45.6459, 39.4413

Trichromacy



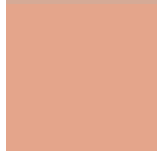
Original Color

57.3507, 45.6695, 31.3836



Protanomaly

47.3203, 45.0976, 35.0648



Deuteranomaly

50.1102, 45.2683, 30.5227



Tritanomaly

58.1393, 45.7263, 36.3336

Monochromacy



Original Color

57.3507, 45.6695, 31.3836



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.8325, 45.4712, 42.8150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3507, 45.6695, 31.3836 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, 152, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 142)  
}
```

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, 152, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 142) }
```

Border

The CSS property to change the border of an element to XYZ 57.3507, 45.6695, 31.3836 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, 152, 142) }
```


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

```
.border{ border-color:rgb(255, 152, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3507, 45.6695, 31.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 142) }
```

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

```
.background{ background-color: rgb(255,  
152, 142) }
```

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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