

Converting Colors

XYZ(57.0519, 45.4279, 30.1861)

Have a look what the booklet for
XYZ(57.0519, 45.4279, 30.1861)
contains.

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Color

**XYZ(57.1284, 45.5806,
30.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	FF988B
RGB	255, 152, 139
RGB Percent	100%, 60%, 55%
CMY	0.0000, 0.4039, 0.4549
CMYK	0.00, 0.40, 0.45, 0.00
HSL	7°, 100%, 77%
HSV	7°, 45%, 100%
XYZ	57.1284, 45.5806, 30.2130
YIQ	181.3150, 65.5610, 17.7930

Conversions

Conversions Part 2

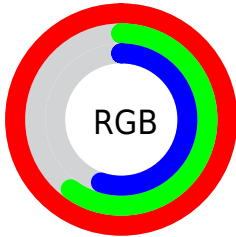
Format	Color
RYB	255, 154, 139
Decimal	16750731
CIELab	73.27, 37.17, 23.47
CIELCh	73, 43.957, 32.270
Yxy	45.5806, 0.4298, 0.3429
Android (android.graphics.Color)	4294940811 (0xFFFF988B)
YUV	181.3150, -20.8613, 64.6217
Hunter-Lab	67.5134, 32.8944, 20.7264

Details

The XYZ color **57.1284, 45.5806, 30.2130** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.4477, 76.2093, 106.1313**, and the grayscale version is **44.1772, 46.4779, 50.6144**.

A 20% lighter version of the original color is **73.1785, 69.7359, 60.0555**, and **28.7707, 21.2471, 12.0359** is the 20% darker color. If you saturate the color by 10%, you get **52.1474, 38.2608, 20.4077**, and if you desaturate by 10%, it is **63.2476, 54.4816, 42.5422**.

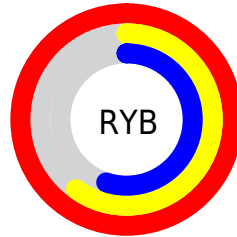
Distribution



Red (100%)

Green (60%)

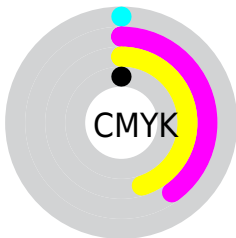
Blue (55%)



Red (100%)

Yellow (60%)

Blue (55%)

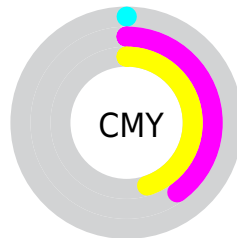


Cyan (0%)

Magenta (40%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1284, 45.5806, 30.2130 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 57.1284, 45.5806, 30.2130 by changing the saturation by 10% instead.


 57.1284, 45.5806,
30.2130

 57.1284, 45.5806,
30.2130


403.9367,
369.1199, 317.1342


 41.3489, 31.9150,
19.7469


 99.7828, 83.5910,
61.0638

 28.7807, 21.2966,
12.0289


 127.3884,
108.7045, 82.2857

 19.0584, 13.3410,
6.6406


 159.6667,
138.4029, 107.9298

 11.8167, 7.6638,
3.1634

196.9831,
173.0704, 138.4148

 6.6903, 3.8806,
1.1786

239.7029,
213.0914, 174.1592

 3.3138, 1.6070,
0.0000

288.1916,

 1.3218, 0.3623,

258.8505, 215.5815

0.0000

342.8144,
310.7318, 263.1004

■ 0.1994, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1284, 45.5806,
30.2130

■ 57.1284, 45.5806,
30.2130

■ 52.1474, 38.2608,
20.4077

■ 63.2476, 54.4816,
42.5422

■ 48.2305, 32.4228,
12.9490

■ 70.5661, 65.0415,
57.5508

■ 45.3001, 27.9671,
7.6405

■ 79.1448, 77.3415,
75.3851

■ 43.2663, 24.7786,
4.2527

■ 89.0394, 91.4553,
96.1796

■ 42.0223, 22.7234,
2.5033

95.0498, 99.9999,
108.9000

■ 41.6693, 22.1188,
2.0731

Harmonies

Analogous

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



59.9162, 45.5806, 47.9644



57.1284, 45.5806, 30.2130



50.6051, 45.5806, 20.7049

Triad

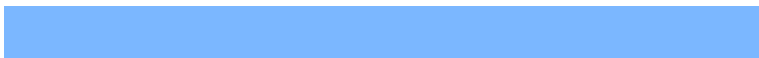
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.1284, 45.5806, 30.2130



31.4652, 45.5806, 32.3570



43.9137, 45.5806, 105.3945

Complementary

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



57.1284, 45.5806, 30.2130



60.4477, 76.2093, 106.1313

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.



36.7753, 45.5806, 97.5826



57.1284, 45.5806, 30.2130



30.1166, 45.5806, 51.3327

Square

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



57.1284, 45.5806, 30.2130



35.8697, 45.5806, 21.6594



31.9427, 45.5806, 75.9692



51.7432, 45.5806, 94.9633

Rectangle

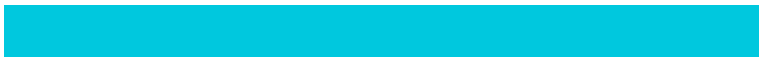
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.1284, 45.5806, 30.2130



45.3509, 45.5806, 18.2941



31.9427, 45.5806, 75.9692



41.3565, 45.5806, 104.8123

Sweetspot

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



57.1296, 45.5829, 30.2139



80.5344, 79.3276, 78.2922



66.7107, 46.2207, 90.5163



16.8090, 16.3665, 15.8611



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.



57.1296, 45.5829, 30.2139



52.3662, 38.5841, 20.8318



68.6026, 68.5290, 34.0382



18.1733, 18.3148, 18.7216



21.8252, 11.6616, 1.1006



2.1757, 1.2368, 0.1241

Inverse Universe

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



60.4477, 76.2093, 106.1313



56.0343, 72.7418, 105.6950



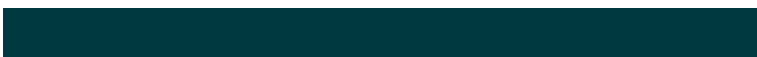
46.1304, 47.5748, 101.3589



18.3707, 20.1130, 23.1639



23.7699, 32.4495, 54.4451



2.3618, 3.2544, 5.3169

Previews

White Background



This preview shows how the XYZ color 57.1284, 45.5806, 30.2130 looks on a white background.

Color Contrast Check

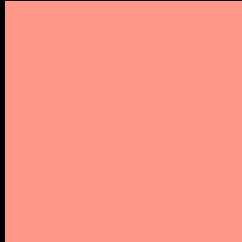
Large Text (above 18pt) WCAG AA × Fail

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 57.1284, 45.5806, 30.2130 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 57.1284, 45.5806, 30.2130

Background



This preview shows how black text looks on a background with the XYZ color 57.1284, 45.5806, 30.2130.



This preview shows how white text looks on a background with the XYZ color 57.1284, 45.5806,

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

57.1284, 45.5806, 30.2130

Protanopia

43.2240, 45.8567, 36.2788

Deuteranopia

46.7573, 45.7825, 29.2942



Tritanopia

58.4915, 45.6108, 38.9786

Trichromacy



Original Color

57.1284, 45.5806, 30.2130



Protanomaly

47.3727, 45.1522, 33.8222



Deuteranomaly

49.8940, 45.1818, 29.3838



Tritanomaly

57.9741, 45.6602, 35.4635

Monochromacy



Original Color

57.1284, 45.5806, 30.2130



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.2701, 44.9125, 42.2540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1284, 45.5806, 30.2130 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 139) }
```

Border

The CSS property to change the border of an element to XYZ 57.1284, 45.5806, 30.2130 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, 139) }
```


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

```
.border{ border-color:rgb(255, 152, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1284, 45.5806, 30.2130 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, 139) }
```

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

```
.background{ background-color: rgb(255,  
152, 139) }
```

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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