

Converting Colors

XYZ(72.1710, 54.4291, 30.6215)

Have a look what the booklet for
XYZ(72.1710, 54.4291, 30.6215)
contains.

XYZ(57.7159, 46.8719, 30.0500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.7159, 46.8719,
30.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C8A
RGB	255, 156, 138
RGB Percent	100%, 61%, 54%
CMY	0.0000, 0.3882, 0.4588
CMYK	0.00, 0.39, 0.46, 0.00
HSL	9°, 100%, 77%
HSV	9°, 46%, 100%
XYZ	57.7159, 46.8719, 30.0500
YIQ	183.5490, 64.7820, 15.3900

Conversions

Conversions Part 2

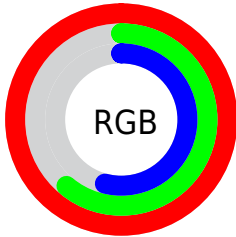
Format	Color
R _Y B	255, 159, 138
Decimal	16751754
CIE Lab	74.11, 35.01, 25.14
CIE LCh	74, 43.103, 35.686
Yxy	46.8719, 0.4287, 0.3481
Android (android.graphics.Color)	4294941834 (0xFFFF9C8A)
YUV	183.5490, -22.4557, 62.6625
Hunter-Lab	68.4631, 30.6692, 21.9004

Details

The XYZ color **57.7159, 46.8719, 30.0500** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8139, 73.1883, 105.6344**, and the grayscale version is **45.4072, 47.7720, 52.0237**.

A 20% lighter version of the original color is **74.0487, 71.6543, 59.7970**, and **29.1174, 22.0072, 11.9457** is the 20% darker color. If you saturate the color by 10%, you get **52.7774, 39.6107, 20.3400**, and if you desaturate by 10%, it is **63.7332, 55.5972, 42.2585**.

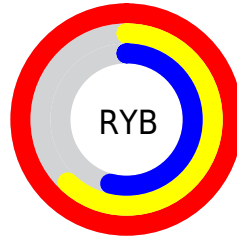
Distribution



Red (100%)

Green (61%)

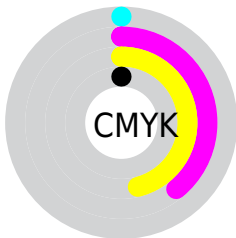
Blue (54%)



Red (100%)

Yellow (62%)

Blue (54%)

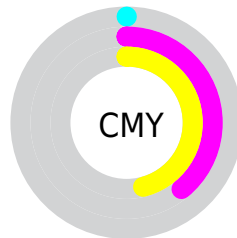


Cyan (0%)

Magenta (39%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7159, 46.8719, 30.0500 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 57.7159, 46.8719, 30.0500 by changing the saturation by 10% instead.


 57.7159, 46.8719,
30.0500

 57.7159, 46.8719,
30.0500


406.0974,
374.3030, 316.3520


 41.8227, 32.9344,
19.6242

 100.6344, 85.5224,
60.8032

 29.1530, 22.0762,
11.9408


 128.3903,
111.0041, 81.9676

 19.3414, 13.9129,
6.5813

 160.8312,
141.1028, 107.5487

 12.0227, 8.0601,
3.1272

198.3224,
176.2027, 137.9649

 6.8315, 4.1334,
1.1600

241.2293,
216.6883, 173.6348

 3.4023, 1.7485,
0.0000

289.9172,

 1.3699, 0.4548,

262.9439, 214.9769

0.0000

344.7514,
315.3540, 262.4098

■ 0.2346, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7159, 46.8719,
30.0500

■ 57.7159, 46.8719,
30.0500

■ 52.7774, 39.6107,
20.3400

■ 63.7332, 55.5972,
42.2585

■ 48.8493, 33.7262,
12.9523

■ 70.8852, 65.8538,
57.1199

■ 45.8609, 29.1325,
7.6920

■ 79.2279, 77.7131,
74.7789

■ 43.7301, 25.7308,
4.3309

■ 88.8126, 91.2399,
95.3692

■ 42.3597, 23.4074,
2.5872

95.0499, 99.9999,
108.9000

■ 41.9734, 22.7270,
2.1745

Harmonies

Analogous

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



60.9994, 46.8719, 46.9413



57.7159, 46.8719, 30.0500



50.9405, 46.8719, 21.2874

Triad

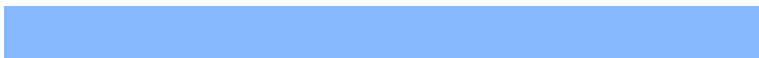
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.7159, 46.8719, 30.0500



32.3546, 46.8719, 35.4677



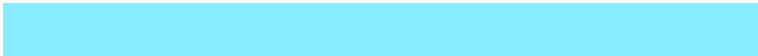
46.0362, 46.8719, 106.0483

Complementary

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



57.7159, 46.8719, 30.0500



58.8139, 73.1883, 105.6344

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.



38.7183, 46.8719, 100.3586



57.7159, 46.8719, 30.0500



31.3610, 46.8719, 55.3612

Square

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



57.7159, 46.8719, 30.0500



36.4460, 46.8719, 23.7245



33.5566, 46.8719, 80.0420



53.7749, 46.8719, 93.8962

Rectangle

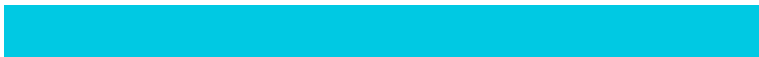
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.7159, 46.8719, 30.0500



45.6753, 46.8719, 19.3155



33.5566, 46.8719, 80.0420



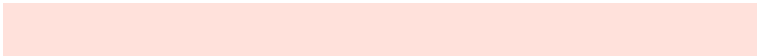
43.4440, 46.8719, 106.1928

Sweetspot

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



57.7171, 46.8743, 30.0509



80.9353, 80.1295, 78.4259



65.6805, 45.5781, 85.8016



16.9053, 16.5591, 15.8932



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.



57.7171, 46.8743, 30.0509



53.1714, 40.1946, 21.1002



69.8867, 71.2136, 34.1074



18.2350, 18.4382, 18.7422



21.9988, 12.0089, 1.1585



2.2046, 1.2946, 0.1337

Inverse Universe

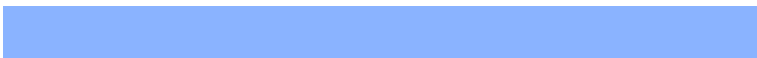
The Inverse Universe completely reimagines the original color for something new.



58.8139, 73.1883, 105.6344



54.3442, 69.3616, 105.1316



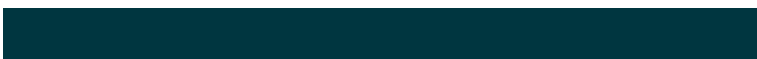
44.6416, 44.8438, 100.9103



18.3027, 19.9771, 23.1413



22.3197, 29.5489, 53.9617



2.2346, 3.0000, 5.2746

Previews

White Background



This preview shows how the XYZ color 57.7159, 46.8719, 30.0500 looks on a white background.

Color Contrast Check

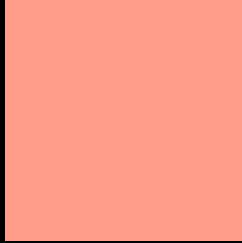
Large Text (above 18pt) WCAG AA × Fail

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 57.7159, 46.8719, 30.0500 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 57.7159, 46.8719, 30.0500

Background



This preview shows how black text looks on a background with the XYZ color 57.7159, 46.8719, 30.0500.



This preview shows how white text looks on a background with the XYZ color 57.7159, 46.8719,

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

57.7159, 46.8719, 30.0500

Protanopia

44.2253, 46.9954, 35.5943

Deuteranopia

47.9520, 46.9801, 29.0950



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

57.7159, 46.8719, 30.0500

Protanomaly

48.4508, 46.5614, 33.6277

Deuteranomaly

51.0089, 46.5775, 29.2236

Tritanomaly

58.7120, 46.7378, 36.9372

Monochromacy



Original Color

57.7159, 46.8719, 30.0500

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.6894, 46.7638, 43.0193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7159, 46.8719, 30.0500 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, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 138)  
}
```

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, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 57.7159, 46.8719, 30.0500 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, 156, 138) }
```


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

```
.border{ border-color:rgb(255, 156, 138) }
```

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

Here you see how a box with a 4 pixel rgb(255, 156, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7159, 46.8719, 30.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 138) }
```

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

```
.background{ background-color: rgb(255,  
156, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor