

Converting Colors

XYZ(74.1363, 53.8492, 31.7164)

Have a look what the booklet for
XYZ(74.1363, 53.8492, 31.7164)
contains.

XYZ(56.9541, 44.9958, 30.8825)	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(56.9541, 44.9958,
30.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	FF968D
RGB	255, 150, 141
RGB Percent	100%, 59%, 55%
CMY	0.0000, 0.4117, 0.4471
CMYK	0.00, 0.41, 0.45, 0.00
HSL	5°, 100%, 78%
HSV	5°, 45%, 100%
XYZ	56.9541, 44.9958, 30.8825
YIQ	180.3690, 65.4690, 19.4610

Conversions

Conversions Part 2

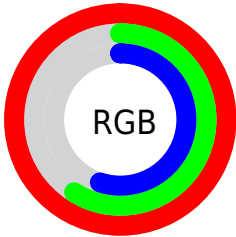
Format	Color
R _Y B	255, 151, 141
Decimal	16750221
CIE Lab	72.89, 38.39, 21.85
CIE LCh	73, 44.174, 29.648
Yxy	44.9958, 0.4288, 0.3387
Android (android.graphics.Color)	4294940301 (0xFFFF968D)
YUV	180.3690, -19.4089, 65.4514
Hunter-Lab	67.0789, 34.1693, 19.6587

Details

The XYZ color **56.9541, 44.9958, 30.8825** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9886, 78.7906, 106.5486**, and the grayscale version is **43.6584, 45.9320, 50.0199**.

A 20% lighter version of the original color is **72.9216, 68.8628, 61.0782**, and **28.6687, 20.9068, 12.4219** is the 20% darker color. If you saturate the color by 10%, you get **51.8911, 37.5648, 20.8870**, and if you desaturate by 10%, it is **63.2072, 54.1080, 43.4304**.

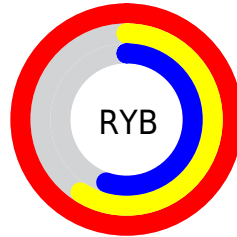
Distribution



Red (100%)

Green (59%)

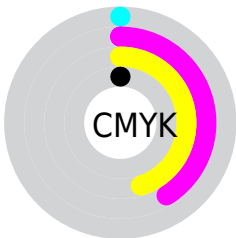
Blue (55%)



Red (100%)

Yellow (59%)

Blue (55%)

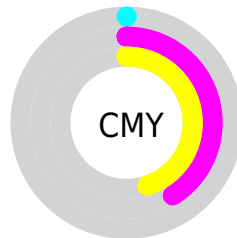


Cyan (0%)

Magenta (41%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9541, 44.9958, 30.8825 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 56.9541, 44.9958, 30.8825 by changing the saturation by 10% instead.


 56.9541, 44.9958,
30.8825

 56.9541, 44.9958,
30.8825


403.2943,
366.7565, 320.3310


 41.2084, 31.4541,
20.2517


 99.5300, 82.7141,
62.1324

 28.6703, 20.9449,
12.3922


 127.0908,
107.6595, 83.5886

 18.9746, 13.0837,
6.8856

 159.3208,
137.1750, 109.4904

 11.7558, 7.4862,
3.3133

196.5851,
171.6449, 140.2562

 6.6487, 3.7680,
1.2568

239.2493,
211.4536, 176.3046

 3.2877, 1.5446,
0.0260

287.6787,

 1.3077, 0.3198,

256.9855, 218.0542

0.0000

342.2385,
308.6250, 265.9235

■ 0.1890, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9541, 44.9958,
30.8825

■ 56.9541, 44.9958,
30.8825

■ 51.8911, 37.5648,
20.8870

■ 63.2072, 54.1080,
43.4304

■ 47.9393, 31.7059,
13.2663

■ 70.7158, 64.9883,
58.6867

■ 45.0156, 27.3076,
7.8239

■ 79.5447, 77.7259,
76.7980

■ 43.0235, 24.2412,
4.3310

■ 89.7531, 92.4018,
97.8997

■ 41.8481, 22.3549, 95.0500, 100.0000,
2.5072 108.9000

■ 41.4927, 21.7654,
2.0142

Harmonies

Analogous

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



59.3302, 44.9958, 49.2536



56.9541, 44.9958, 30.8825



50.6859, 44.9958, 20.7742

Triad

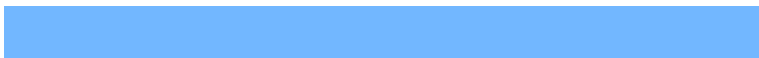
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.9541, 44.9958, 30.8825



31.2302, 44.9958, 30.5521



42.6763, 44.9958, 104.7397

Complementary

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



56.9541, 44.9958, 30.8825



61.9886, 78.7906, 106.5486

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.



35.7194, 44.9958, 95.3972



56.9541, 44.9958, 30.8825



29.6149, 44.9958, 48.7329

Square

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



56.9541, 44.9958, 30.8825



35.8592, 44.9958, 20.6276



31.1565, 44.9958, 73.0789



50.5097, 44.9958, 95.8037

Rectangle

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



56.9541, 44.9958, 30.8825



45.4808, 44.9958, 18.0179



31.1565, 44.9958, 73.0789



40.1637, 44.9958, 103.6007

Sweetspot

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



56.9552, 44.9981, 30.8833



81.1866, 80.0896, 80.1817



67.6153, 47.0502, 93.8375



16.9241, 16.4900, 16.2284



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.



56.9552, 44.9981, 30.8833



52.2110, 38.0364, 21.5122



68.0230, 67.1335, 34.5726



18.1246, 18.2175, 18.7054



21.7212, 11.4535, 1.0659



2.1528, 1.1910, 0.1164

Inverse Universe

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



61.9886, 78.7906, 106.5486



57.8138, 75.7972, 106.1910



47.5350, 49.8835, 101.7308



18.4249, 20.2213, 23.1820



24.9845, 34.8786, 54.8500



2.4676, 3.4659, 5.3522

Previews

White Background



This preview shows how the XYZ color 56.9541, 44.9958, 30.8825 looks on a white background.

Color Contrast Check

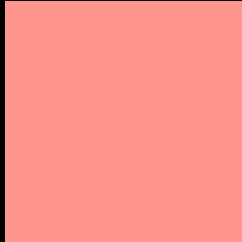
Large Text (above 18pt) WCAG AA × Fail

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 56.9541, 44.9958, 30.8825 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 56.9541, 44.9958, 30.8825

Background



This preview shows how black text looks on a background with the XYZ color 56.9541, 44.9958, 30.8825.



This preview shows how white text looks on a background with the XYZ color 56.9541, 44.9958,

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

56.9541, 44.9958, 30.8825

Protanopia

42.7755, 45.2981, 37.4992

Deuteranopia

46.1318, 45.1601, 29.9523



Tritanopia

58.0879, 44.9430, 38.4142

Trichromacy



Original Color

56.9541, 44.9958, 30.8825

Protanomaly

46.6590, 44.2043, 34.9273

Deuteranomaly

49.5415, 44.7168, 30.0648

Tritanomaly

57.6549, 45.0219, 35.3571

Monochromacy



Original Color

56.9541, 44.9958, 30.8825

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.8030, 44.3945, 42.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9541, 44.9958, 30.8825 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, 150, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 141)  
}
```

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, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 141) }
```

Border

The CSS property to change the border of an element to XYZ 56.9541, 44.9958, 30.8825 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, 150, 141) }
```


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

```
.border{ border-color:rgb(255, 150, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9541, 44.9958, 30.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 141) }
```

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

```
.background{ background-color: rgb(255,  
150, 141) }
```

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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