

Converting Colors

XYZ(58.2812, 50.6450, 22.0919)

Have a look what the booklet for
XYZ(58.2812, 50.6450, 22.0919)
contains.

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Color

**XYZ(58.3526, 50.8058,
22.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA970
RGB	255, 169, 112
RGB Percent	100%, 66%, 44%
CMY	0.0000, 0.3372, 0.5608
CMYK	0.00, 0.34, 0.56, 0.00
HSL	24°, 100%, 72%
HSV	24°, 56%, 100%
XYZ	58.3526, 50.8058, 22.0602
YIQ	188.2160, 69.5530, 0.5050

Conversions

Conversions Part 2

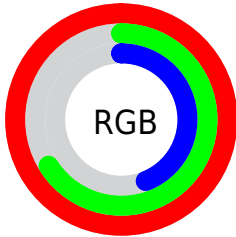
Format	Color
R _Y B	255, 207, 112
Decimal	16755056
CIE Lab	76.56, 25.99, 42.12
CIE LCh	77, 49.492, 58.329
Yxy	50.8058, 0.4447, 0.3872
Android (android.graphics.Color)	4294945136 (0xFFFFA970)
YUV	188.2160, -37.5745, 58.5696
Hunter-Lab	71.2782, 21.3940, 31.5448

Details

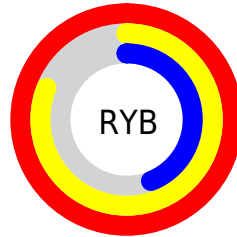
The XYZ color **58.3526, 50.8058, 22.0602** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.9250, 51.0504, 102.0932**, and the grayscale version is **48.1033, 50.6084, 55.1125**.

A 20% lighter version of the original color is **74.9567, 77.8270, 46.6688**, and **29.6206, 24.4407, 7.7138** is the 20% darker color. If you saturate the color by 10%, you get **54.4414, 44.9431, 14.7160**, and if you desaturate by 10%, it is **63.0028, 57.5035, 31.6347**.

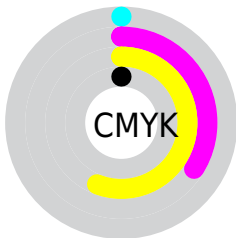
Distribution



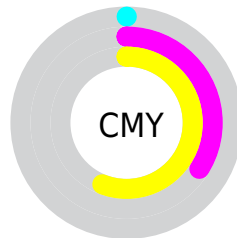
- Red (100%)
- Green (66%)
- Blue (44%)



- Red (100%)
- Yellow (81%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3526, 50.8058, 22.0602 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 58.3526, 50.8058, 22.0602 by changing the saturation by 10% instead.


 58.3526, 50.8058,
22.0602

 58.3526, 50.8058,
22.0602


408.4312,
389.8088, 275.8242

 42.3365, 36.0541,
13.7024

 101.5562, 91.3676,
47.7489


 29.5572, 24.4760,
7.7776


 129.4744,
117.9466, 65.9170

 19.6491, 15.6871,
3.8672


 162.0907,
149.2367, 88.1921

 12.2470, 9.3030,
1.5528

 199.7705,
185.6224, 114.9930

 6.9855, 4.9393,
0.2568

242.8791,
227.4880, 146.7381

 3.4993, 2.2117,
0.0000

291.7818,

 1.4230, 0.7264,

275.2180, 183.8460

0.0000

346.8441,
329.1968, 226.7352

■ 0.2725, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3526, 50.8058,
22.0602

■ 58.3526, 50.8058,
22.0602

■ 54.4414, 44.9431,
14.7160

■ 63.0028, 57.5035,
31.6347

■ 51.2192, 39.8709,
9.4115

■ 68.4302, 65.0630,
43.6029

■ 48.6341, 35.5510,
5.9282

■ 74.6742, 73.5187,
58.1157

■ 46.6223, 31.9372,
3.9945

■ 81.7706, 82.9010,
75.3111

■ 45.9573, 30.6948,
3.5025

■ 89.7524, 93.2384,
95.3167

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



65.8981, 50.8058, 34.3135



58.3526, 50.8058, 22.0602



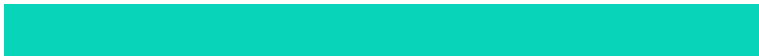
48.8152, 50.8058, 18.1733

Triad

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



58.3526, 50.8058, 22.0602



32.4614, 50.8058, 53.8320



57.3292, 50.8058, 114.1145

Complementary

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



58.3526, 50.8058, 22.0602



44.9250, 51.0504, 102.0932

Split Complementary

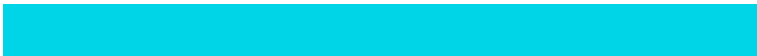
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.7674, 50.8058, 124.3601



58.3526, 50.8058, 22.0602



34.1352, 50.8058, 83.5129

Square

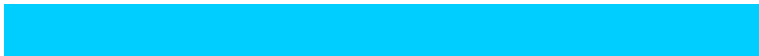
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3526, 50.8058, 22.0602



34.5526, 50.8058, 32.4579



39.4552, 50.8058, 111.7004



65.2557, 50.8058, 86.9797

Rectangle

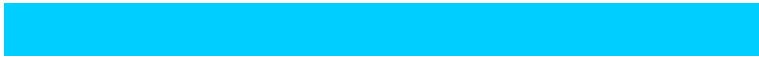
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3526, 50.8058, 22.0602



42.8555, 50.8058, 19.4342



39.4552, 50.8058, 111.7004



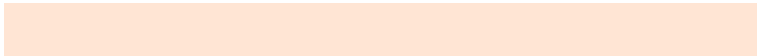
54.1642, 50.8058, 119.9692

Sweetspot

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



58.3538, 50.8083, 22.0612



81.0798, 81.9964, 73.6096



57.4810, 37.0274, 58.8736



17.0378, 17.1347, 14.9797



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.



58.3538, 50.8083, 22.0612



54.1163, 44.4429, 14.1444



74.8313, 83.7633, 27.5537



18.6036, 19.1753, 18.8650



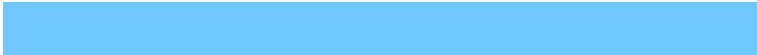
24.1498, 16.3109, 1.8755



2.4547, 1.7947, 0.2170

Inverse Universe

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



44.9250, 51.0504, 102.0932



39.4669, 44.6064, 101.1375



32.5410, 26.2824, 97.9652



17.9117, 19.1951, 23.0109



15.5633, 16.0362, 51.7096



1.6222, 1.7752, 5.0704

Previews

White Background



This preview shows how the XYZ color 58.3526, 50.8058, 22.0602 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 58.3526, 50.8058, 22.0602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

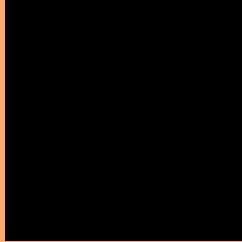
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3526, 50.8058, 22.0602

Background



This preview shows how black text looks on a background with the XYZ color 58.3526, 50.8058, 22.0602.



This preview shows how white text looks on a background with the XYZ color 58.3526, 50.8058,

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

58.3526, 50.8058, 22.0602

Protanopia

47.0414, 50.8731, 25.1094

Deuteranopia

51.9715, 50.9965, 21.8560



Tritanopia

62.2533, 50.9061, 47.1022

Trichromacy



Original Color

58.3526, 50.8058, 22.0602

Protanomaly

50.6793, 50.5875, 23.9229

Deuteranomaly

54.1880, 50.9427, 22.0158

Tritanomaly

60.5437, 50.7994, 36.3200

Monochromacy



Original Color

58.3526, 50.8058, 22.0602

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.0204, 49.5829, 40.1918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3526, 50.8058, 22.0602 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, 169, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 112)  
}
```

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, 169, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 112) }
```

Border

The CSS property to change the border of an element to XYZ 58.3526, 50.8058, 22.0602 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, 169, 112) }
```


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

```
.border{ border-color:rgb(255, 169, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3526, 50.8058, 22.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 112) }
```

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

```
.background{ background-color: rgb(255,  
169, 112) }
```

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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