

Converting Colors

XYZ(57.5468, 50.4327, 22.5029)

Have a look what the booklet for
XYZ(57.5468, 50.4327, 22.5029)
contains.

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Color

**XYZ(57.3701, 50.2863,
22.6021)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA972
RGB	252, 169, 114
RGB Percent	99%, 66%, 45%
CMY	0.0118, 0.3372, 0.5529
CMYK	0.00, 0.33, 0.55, 0.01
HSL	24°, 96%, 72%
HSV	24°, 55%, 99%
XYZ	57.3701, 50.2863, 22.6021
YIQ	187.5470, 67.1230, 0.4910

Conversions

Conversions Part 2

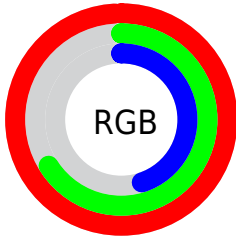
Format	Color
R _Y B	252, 205, 114
Decimal	16558450
CIE Lab	76.24, 24.95, 40.62
CIE LCh	76, 47.673, 58.441
Yxy	50.2863, 0.4404, 0.3861
Android (android.graphics.Color)	4294748530 (0xFFFC972)
YUV	187.5470, -36.2587, 56.5253
Hunter-Lab	70.9128, 20.3131, 30.7414

Details

The XYZ color **57.3701, 50.2863, 22.6021** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.4752, 50.5357, 99.5053**, and the grayscale version is **47.7166, 50.2015, 54.6695**.

A 20% lighter version of the original color is **75.1403, 77.9004, 47.6352**, and **28.9090, 24.0674, 7.9723** is the 20% darker color. If you saturate the color by 10%, you get **53.4707, 44.4755, 15.1741**, and if you desaturate by 10%, it is **61.9939, 56.9138, 32.2215**.

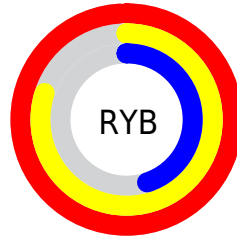
Distribution



Red (99%)

Green (66%)

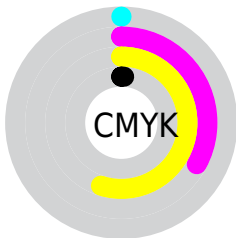
Blue (45%)



Red (99%)

Yellow (80%)

Blue (45%)

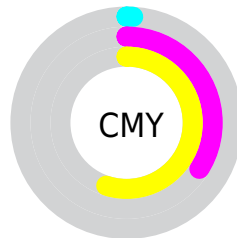


Cyan (0%)

Magenta (33%)

Yellow (55%)

Black (1%)



Cyan (1%)


Magenta (34%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3701, 50.2863, 22.6021 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 57.3701, 50.2863, 22.6021 by changing the saturation by 10% instead.


 57.3701, 50.2863,
22.6021

 57.3701, 50.2863,
22.6021


404.8265,
387.7845, 278.7300


 41.5438, 35.6409,
14.0974


 100.1333, 90.5989,
48.6540


 28.9338, 24.1570,
8.0489


 127.8008,
117.0350, 67.0384

 19.1747, 15.4501,
4.0381


 160.1461,
148.1701, 89.5531

 11.9014, 9.1359,
1.6462

 197.5345,
184.3885, 116.6166

 6.7483, 4.8299,
0.3235

240.3314,
226.0748, 148.6475

 3.3501, 2.1478,
0.0000

288.9021,

 1.3415, 0.6913,

273.6133, 186.0644

0.0000

343.6120,
327.3884, 229.2857

■ 0.2140, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3701, 50.2863,
22.6021

■ 57.3701, 50.2863,
22.6021

■ 53.4707, 44.4755,
15.1741

■ 61.9939, 56.9138,
32.2215

■ 50.2475, 39.4384,
9.7553

■ 67.3785, 64.3834,
44.1885

■ 47.6513, 35.1384,
6.1388

■ 73.5619, 72.7286,
58.6482

■ 45.6219, 31.5315,
4.0693

■ 80.5785, 81.9785,
75.7329

44.7447, 29.8954,
3.4121

88.4602, 92.1608,
95.5658

93.9547, 99.4353,
108.8487

Harmonies

Analogous

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



64.5626, 50.2863, 34.4924



57.3701, 50.2863, 22.6021



48.2650, 50.2863, 18.8094

Triad

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



57.3701, 50.2863, 22.6021



32.5874, 50.2863, 53.4243



56.4598, 50.2863, 110.4616

Complementary

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



57.3701, 50.2863, 22.6021



44.4752, 50.5357, 99.5053

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.



47.3293, 50.2863, 120.1928



57.3701, 50.2863, 22.6021



34.2162, 50.2863, 81.7091

Square

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



57.3701, 50.2863, 22.6021



34.5919, 50.2863, 32.8150



39.3505, 50.2863, 108.3363



63.9927, 50.2863, 84.7771

Rectangle

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



57.3701, 50.2863, 22.6021



42.5610, 50.2863, 20.0676



39.3505, 50.2863, 108.3363



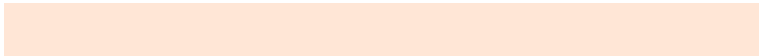
53.4428, 50.2863, 116.0029

Sweetspot

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



57.3713, 50.2888, 22.6031



81.8289, 82.9768, 75.4556



56.4827, 36.8586, 58.2314



17.1865, 17.3302, 15.3437



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.



57.3713, 50.2888, 22.6031



54.4680, 44.9830, 14.7645



73.1486, 81.8435, 27.8622



17.8123, 18.3605, 18.0675



23.4426, 15.8418, 1.8222



2.2716, 1.6681, 0.2022

Inverse Universe

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



44.4752, 50.5357, 99.5053



39.9179, 45.1626, 101.2211



32.5064, 26.5981, 95.5157



17.1514, 18.3797, 22.0289



15.1122, 15.5799, 50.1843



1.5033, 1.6502, 4.6825

Previews

White Background



This preview shows how the XYZ color 57.3701, 50.2863, 22.6021 looks on a white background.

Color Contrast Check

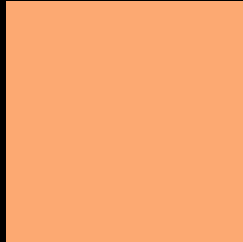
Large Text (above 18pt) WCAG AA × Fail

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 57.3701, 50.2863, 22.6021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

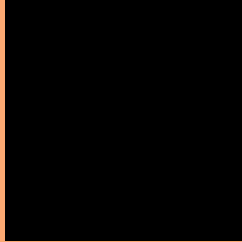
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3701, 50.2863, 22.6021

Background



This preview shows how black text looks on a background with the XYZ color 57.3701, 50.2863, 22.6021.



This preview shows how white text looks on a background with the XYZ color 57.3701, 50.2863,

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

57.3701, 50.2863, 22.6021

Protanopia

46.6112, 50.3261, 25.3464

Deuteranopia

51.5590, 50.4704, 22.3535



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

57.3701, 50.2863, 22.6021

Protanomaly

49.9181, 49.8853, 24.1374

Deuteranomaly

53.4310, 50.2474, 22.5054

Tritanomaly

59.9957, 50.2481, 36.2425

Monochromacy



Original Color

57.3701, 50.2863, 22.6021

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.8209, 49.4698, 40.6410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3701, 50.2863, 22.6021 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(252, 169, 114)` looks like.

```
.text, #text, p{  
    color:rgb(252, 169, 114)  
}
```

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(252, 169, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 169, 114) }
```

Border

The CSS property to change the border of an element to XYZ 57.3701, 50.2863, 22.6021 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(252, 169, 114) }
```


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

```
.border{ border-color:rgb(252, 169, 114) }
```

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

Here you see how a box with a 4 pixel rgb(252, 169, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 169, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 169, 114);  
box-shadow:4px 4px 4px 4px rgb(252, 169,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3701, 50.2863, 22.6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 169, 114) }
```

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

```
.background{ background-color: rgb(252,  
169, 114) }
```

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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