

Converting Colors

XYZ(50.5340, 38.9352, 11.4016)

Have a look what the booklet for
XYZ(50.5340, 38.9352, 11.4016)
contains.

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Color

**XYZ(50.5482, 38.9854,
11.3393)**

Conversions

Conversions Part 1

Format	Color
Hex	FD884A
RGB	253, 136, 74
RGB Percent	99%, 53%, 29%
CMY	0.0078, 0.4666, 0.7098
CMYK	0.00, 0.46, 0.71, 0.01
HSL	21°, 98%, 64%
HSV	21°, 71%, 99%
XYZ	50.5482, 38.9854, 11.3393
YIQ	163.9150, 89.6340, 5.5220

Conversions

Conversions Part 2

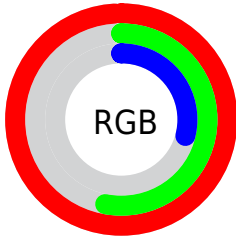
Format	Color
R _Y B	253, 169, 74
Decimal	16615498
CIE Lab	68.74, 39.84, 52.01
CIE LCh	69, 65.511, 52.550
Yxy	38.9854, 0.5011, 0.3865
Android (android.graphics.Color)	4294805578 (0xFFFD884A)
YUV	163.9150, -44.3281, 78.1275
Hunter-Lab	62.4383, 35.2413, 32.9393

Details

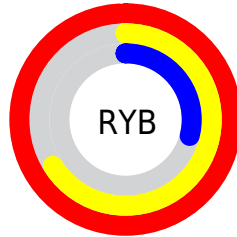
The XYZ color **50.5482, 38.9854, 11.3393** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **39.1830, 45.8063, 99.7042**, and the grayscale version is **35.4217, 37.2664, 40.5831**.

A 20% lighter version of the original color is **63.5725, 60.0023, 27.6330**, and **24.5602, 17.3497, 2.8650** is the 20% darker color. If you saturate the color by 10%, you get **47.7090, 34.4080, 6.9997**, and if you desaturate by 10%, it is **54.0910, 44.4225, 17.6036**.

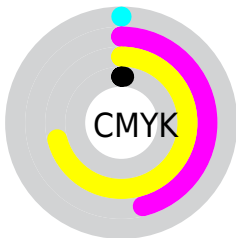
Distribution



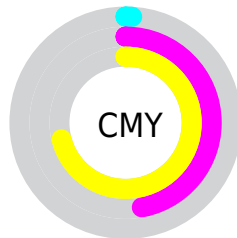
- Red (99%)
- Green (53%)
- Blue (29%)



- Red (99%)
- Yellow (66%)
- Blue (29%)



- Cyan (0%)
- Magenta (46%)
- Yellow (71%)
- Black (1%)





- Cyan (1%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5482, 38.9854, 11.3393 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 50.5482, 38.9854, 11.3393 by changing the saturation by 10% instead.

 50.5482, 38.9854,
11.3393


 50.5482, 38.9854,
11.3393


379.2225,
341.8284, 210.8011


 36.0688, 26.7484,
6.1785


 90.1736, 73.6160,
28.9321


 24.6577, 17.3843,
2.8834


 116.0502, 96.7784,
42.2012


 15.9496, 10.5089,
1.0354


 146.4566,
124.3513, 59.0101

 9.5791, 5.7376,
0.0000

 181.7581,
156.7192, 79.7773

 5.1809, 2.6862,
0.0000

 222.3201,
194.2665, 104.9216

 2.3896, 0.9702,
0.0000

268.5079,

 0.8399, 0.0000,

237.3775, 134.8612

0.0000

320.6870,
286.4367, 170.0149

■ 0.0000, 0.0000,
0.0000

■ 50.5482, 38.9854,
11.3393

■ 50.5482, 38.9854,
11.3393

■ 47.7090, 34.4080,
6.9997

■ 54.0910, 44.4225,
17.6036

■ 45.5104, 30.6338,
4.3461


■ 58.3868, 50.7586,
25.9889


■ 43.9680, 27.8031,
3.0492

■ 63.4828, 58.0373,
36.6690

■ 69.4214, 66.2976,
49.7991

■ 76.2417, 75.5760,
65.5206

 83.9801, 85.9070,
83.9641

 92.6710, 97.3233,
105.2515

 94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



58.6862, 38.9854, 24.1007



50.5482, 38.9854, 11.3393



39.7002, 38.9854, 7.2724

Triad

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



50.5482, 38.9854, 11.3393



20.5925, 38.9854, 35.4669



45.2383, 38.9854, 120.0349

Complementary

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



50.5482, 38.9854, 11.3393



39.1830, 45.8063, 99.7042

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.



34.5290, 38.9854, 127.9695



50.5482, 38.9854, 11.3393



21.5227, 38.9854, 68.3268

Square

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



50.5482, 38.9854, 11.3393



23.3730, 38.9854, 16.3340



26.2051, 38.9854, 105.8302



55.2433, 38.9854, 87.4962

Rectangle

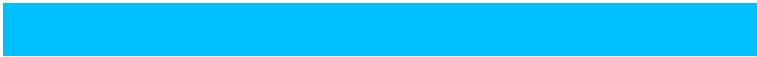
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5482, 38.9854, 11.3393



32.8888, 38.9854, 7.5479



26.2051, 38.9854, 105.8302



41.5578, 38.9854, 126.1371

Sweetspot

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



50.5491, 38.9875, 11.3400



77.4289, 76.6847, 66.2570



52.6195, 29.6455, 53.5961



16.1442, 15.8342, 13.1814



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.



50.5491, 38.9875, 11.3400



47.5363, 33.2865, 5.7744



68.1760, 74.2412, 17.2156



18.5239, 19.0159, 18.8385



23.5117, 15.0346, 1.6628



2.3866, 1.6586, 0.1944

Inverse Universe

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



39.1830, 45.8063, 99.7042



35.1629, 40.2455, 100.5226



25.4874, 18.4151, 95.1390



17.9941, 19.3599, 23.0384



16.7651, 18.4397, 52.1102



1.7345, 1.9997, 5.1078

Previews

White Background



This preview shows how the XYZ color 50.5482, 38.9854, 11.3393 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 50.5482, 38.9854, 11.3393 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 50.5482, 38.9854, 11.3393

Background



This preview shows how black text looks on a background with the XYZ color 50.5482, 38.9854, 11.3393.



This preview shows how white text looks on a background with the XYZ color 50.5482, 38.9854,

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

50.5482, 38.9854, 11.3393

Protanopia

35.8526, 39.0845, 14.0419

Deuteranopia

39.9087, 39.1143, 10.9152



Tritanopia

53.8101, 39.0602, 28.7480

Trichromacy



Original Color

50.5482, 38.9854, 11.3393

Protanomaly

39.9148, 38.0578, 12.8316

Deuteranomaly

43.2234, 38.5830, 10.9635

Tritanomaly

52.2188, 38.8112, 20.9587

Monochromacy



Original Color

50.5482, 38.9854, 11.3393

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

38.4173, 36.4857, 26.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5482, 38.9854, 11.3393 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(253, 136, 74)` looks like.

```
.text, #text, p{  
    color:rgb(253, 136, 74)  
}
```

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(253, 136, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 136, 74) }
```

Border

The CSS property to change the border of an element to XYZ 50.5482, 38.9854, 11.3393 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(253, 136, 74) }
```


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

```
.border{ border-color:rgb(253, 136, 74) }
```

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

Here you see how a box with a 4 pixel rgb(253, 136, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 136, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 136, 74);  
box-shadow:4px 4px 4px 4px rgb(253, 136,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5482, 38.9854, 11.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 136, 74) }
```

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

```
.background{ background-color: rgb(253,  
136, 74) }
```

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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