

Converting Colors

XYZ(48.7383, 35.7974, 8.6005)

Have a look what the booklet for
XYZ(48.7383, 35.7974, 8.6005)
contains.

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Color

**XYZ(48.5313, 35.6242,
8.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	FD7C3C
RGB	253, 124, 60
RGB Percent	99%, 49%, 24%
CMY	0.0078, 0.5137, 0.7647
CMYK	0.00, 0.51, 0.76, 0.01
HSL	20°, 98%, 61%
HSV	20°, 76%, 99%
XYZ	48.5313, 35.6242, 8.5932
YIQ	155.2750, 97.4280, 7.4440

Conversions

Conversions Part 2

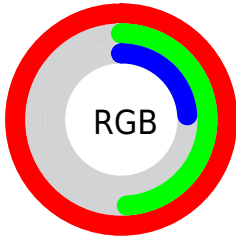
Format	Color
RYB	253, 156, 60
Decimal	16612412
CIELab	66.23, 45.19, 55.99
CIELCh	66, 71.951, 51.094
Yxy	35.6242, 0.5233, 0.3841
Android (android.graphics.Color)	4294802492 (0xFFFD7C3C)
YUV	155.2750, -46.9706, 85.7048
Hunter-Lab	59.6860, 40.6896, 33.2440

Details

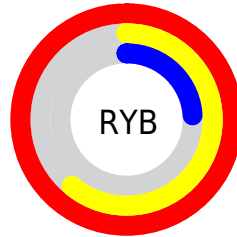
The XYZ color **48.5313, 35.6242, 8.5932** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **37.7891, 44.4446, 99.5149**, and the grayscale version is **31.4502, 33.0881, 36.0329**.

A 20% lighter version of the original color is **60.2293, 54.6479, 22.4126**, and **23.5049, 15.4602, 1.8314** is the 20% darker color. If you saturate the color by 10%, you get **46.0747, 31.5381, 5.2261**, and if you desaturate by 10%, it is **51.6722, 40.5687, 13.7644**.

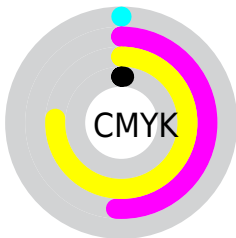
Distribution



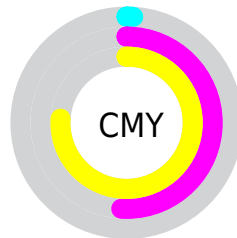
- Red (99%)
- Green (49%)
- Blue (24%)



- Red (99%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (76%)
- Black (1%)





- Cyan (1%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5313, 35.6242, 8.5932 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 48.5313, 35.6242, 8.5932 by changing the saturation by 10% instead.


 48.5313, 35.6242,
8.5932


 48.5313, 35.6242,
8.5932


371.4419,
327.3150, 190.4185


 34.4608, 24.1441,
4.3836


 87.1998, 68.4516,
23.6785

 23.4124, 15.4405,
1.8381


 112.5286, 90.5678,
35.3913


 15.0207, 9.1292,
0.4529


 142.3409,
116.9980, 50.4423

 8.9203, 4.8255,
0.0000

 177.0020,
148.1268, 69.2499

 4.7459, 2.1453,
0.0000

 216.8773,
184.3385, 92.2328

 2.1322, 0.6899,
0.0000

 262.3321,

 0.7066, 0.0000,

226.0175, 119.8095

0.0000

313.7319,
273.5482, 152.3986

■ 0.0000, 0.0000,
0.0000

■ 48.5313, 35.6242,
8.5932

■ 48.5313, 35.6242,
8.5932

■ 46.0747, 31.5381,
5.2261

■ 51.6722, 40.5687,
13.7644

■ 44.2314, 28.2475,
3.3910


■ 55.5525, 46.4162,
20.9554


■ 43.6708, 27.2085,
2.9501

■ 60.2234, 53.2147,
30.3532

■ 65.7305, 61.0067,
42.1225

■ 72.1155, 69.8319,
56.4123

 79.4173, 79.7278,
73.3593

 87.6721, 90.7298,
93.0901

94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



56.9717, 35.6242, 21.1807



48.5313, 35.6242, 8.5932



37.1534, 35.6242, 4.8089

Triad

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



48.5313, 35.6242, 8.5932



17.3006, 35.6242, 30.3456



41.8362, 35.6242, 124.0908

Complementary

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



48.5313, 35.6242, 8.5932



37.7891, 44.4446, 99.5149

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.



30.7667, 35.6242, 131.2706



48.5313, 35.6242, 8.5932



18.0350, 35.6242, 64.1603

Square

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



48.5313, 35.6242, 8.5932



20.2149, 35.6242, 12.2651



22.4903, 35.6242, 105.2806



52.5740, 35.6242, 88.9546

Rectangle

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



48.5313, 35.6242, 8.5932



30.0450, 35.6242, 4.9069



22.4903, 35.6242, 105.2806



37.9844, 35.6242, 130.3900

Sweetspot

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



48.5321, 35.6261, 8.5938



75.7486, 74.2713, 62.7771



51.6252, 27.9150, 52.4686



15.6642, 15.1480, 12.1777



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.



48.5321, 35.6261, 8.5938



45.7566, 30.0855, 4.0761



66.2955, 71.1529, 14.5149



18.5015, 18.9711, 18.8310



23.3500, 14.7113, 1.6089



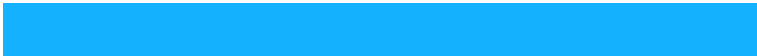
2.3689, 1.6232, 0.1885

Inverse Universe

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



37.7891, 44.4446, 99.5149



34.1076, 38.8948, 100.3175



23.7200, 16.3064, 94.8252



18.0175, 19.4067, 23.0462



17.1276, 19.1648, 52.2310



1.7680, 2.0667, 5.1190

Previews

White Background



This preview shows how the XYZ color 48.5313, 35.6242, 8.5932 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 48.5313, 35.6242, 8.5932 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 48.5313, 35.6242, 8.5932

Background



This preview shows how black text looks on a background with the XYZ color 48.5313, 35.6242, 8.5932.



This preview shows how white text looks on a background with the XYZ color 48.5313, 35.6242,

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

48.5313, 35.6242, 8.5932

Protanopia

32.6481, 35.8793, 11.1659

Deuteranopia

36.3682, 35.5870, 8.2010



Tritanopia

51.4201, 35.6975, 23.5822

Trichromacy



Original Color

48.5313, 35.6242, 8.5932

Protanomaly

37.0566, 34.7069, 10.0562

Deuteranomaly

40.1814, 34.9940, 8.2512

Tritanomaly

49.9385, 35.4434, 16.5211

Monochromacy



Original Color

48.5313, 35.6242, 8.5932

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

34.8493, 32.3789, 22.1823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5313, 35.6242, 8.5932 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, 124, 60)` looks like.

```
.text, #text, p{  
    color:rgb(253, 124, 60)  
}
```

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, 124, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 124, 60) }
```

Border

The CSS property to change the border of an element to XYZ 48.5313, 35.6242, 8.5932 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, 124, 60) }
```


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

```
.border{ border-color:rgb(253, 124, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 124, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 124, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 124, 60);  
box-shadow:4px 4px 4px 4px rgb(253, 124,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5313, 35.6242, 8.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 124, 60) }
```

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

```
.background{ background-color: rgb(253,  
124, 60) }
```

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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