

Converting Colors

XYZ(48.5268, 34.0472, 10.9498)

Have a look what the booklet for
XYZ(48.5268, 34.0472, 10.9498)
contains.

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Color

**XYZ(48.3433, 33.8681,
11.0104)**

Conversions

Conversions Part 1

Format	Color
Hex	FE734D
RGB	254, 115, 77
RGB Percent	100%, 45%, 30%
CMY	0.0039, 0.5490, 0.6980
CMYK	0.00, 0.55, 0.70, 0.00
HSL	13°, 99%, 65%
HSV	13°, 70%, 100%
XYZ	48.3433, 33.8681, 11.0104
YIQ	152.2290, 95.0420, 17.6500

Conversions

Conversions Part 2

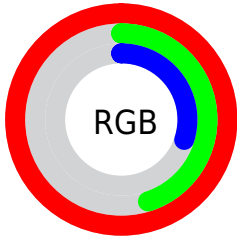
Format	Color
RYB	254, 125, 77
Decimal	16675661
CIELab	64.86, 50.59, 46.23
CIElCh	65, 68.536, 42.421
Yxy	33.8681, 0.5186, 0.3633
Android (android.graphics.Color)	4294865741 (0xFFFE734D)
YUV	152.2290, -37.0879, 89.2532
Hunter-Lab	58.1963, 46.4353, 29.5201

Details

The XYZ color **48.3433, 33.8681, 11.0104** 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 **45.5037, 57.8411, 102.5314**, and the grayscale version is **30.0716, 31.6377, 34.4535**.

A 20% lighter version of the original color is **59.4455, 51.5418, 26.8941**, and **23.3764, 14.5026, 2.7296** is the 20% darker color. If you saturate the color by 10%, you get **45.5815, 29.5108, 6.4957**, and if you desaturate by 10%, it is **51.9486, 39.3532, 17.5329**.

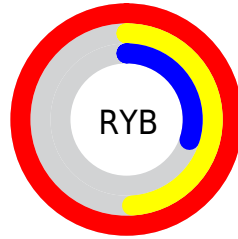
Distribution



Red (100%)

Green (45%)

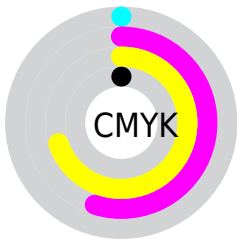
Blue (30%)



Red (100%)

Yellow (49%)

Blue (30%)

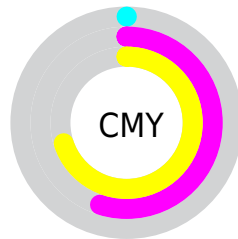


Cyan (0%)

Magenta (55%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3433, 33.8681, 11.0104 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 48.3433, 33.8681, 11.0104 by changing the saturation by 10% instead.


 48.3433, 33.8681,
11.0104


 48.3433, 33.8681,
11.0104

370.7113,
319.5435, 208.4789


 34.3112, 22.7923,
5.9596


 86.9219, 65.7285,
28.3163


 23.2968, 14.4402,
2.7521


 112.1992, 87.2819,
41.4085


 14.9347, 8.4275,
0.9695


 141.9555,
113.0966, 58.0183

 8.8596, 4.3697,
0.0000

 176.5563,
143.5570, 78.5641

 4.7061, 1.8824,
0.0000

 216.3670,
179.0475, 103.4645

 2.1088, 0.5378,
0.0000

261.7528,

 0.6940, 0.0000,

219.9525, 133.1381

0.0000

313.0791,
266.6563, 168.0034

■ 0.0000, 0.0000,
0.0000

■ 48.3433, 33.8681,
11.0104

■ 48.3433, 33.8681,
11.0104

■ 45.5815, 29.5108,
6.4957

■ 51.9486, 39.3532,
17.5329

■ 43.5855, 26.1942,
3.7479

■ 56.4607, 46.0334,
26.2631


■ 42.2515, 23.8211,
2.3941

■ 61.9391, 53.9772,
37.3782

■ 42.2173, 23.7598,
2.3610

■ 68.4376, 63.2461,
51.0372

■ 76.0055, 73.8975,
67.3851

 84.6893, 85.9855,
86.5558

94.5323, 99.5611,
108.6745

94.6827, 99.8107,
108.8828

Harmonies

Analogous

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



54.5264, 33.8681, 26.3720



48.3433, 33.8681, 11.0104



38.2737, 33.8681, 5.5319

Triad

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



48.3433, 33.8681, 11.0104



17.2686, 33.8681, 22.7684



36.4504, 33.8681, 119.5733

Complementary

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



48.3433, 33.8681, 11.0104



45.5037, 57.8411, 102.5314

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.



26.7888, 33.8681, 116.8190



48.3433, 33.8681, 11.0104



16.9782, 33.8681, 49.8551

Square

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



48.3433, 33.8681, 11.0104



21.0044, 33.8681, 9.5353



20.1082, 33.8681, 87.0765



46.7755, 33.8681, 93.3600

Rectangle

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



48.3433, 33.8681, 11.0104



31.3952, 33.8681, 4.8579



20.1082, 33.8681, 87.0765



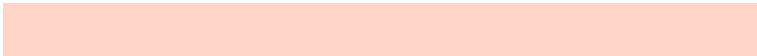
32.9993, 33.8681, 122.2758

Sweetspot

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



48.3441, 33.8700, 11.0110



75.6171, 73.0611, 65.6530



56.2602, 31.4720, 69.8513



15.7188, 14.9835, 13.0397



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.



48.3441, 33.8700, 11.0110



45.0285, 28.2021, 5.1499



63.0756, 63.3331, 15.9215



18.3255, 18.6191, 18.7723



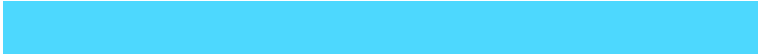
22.3441, 12.6994, 1.2736



2.2510, 1.3874, 0.1492

Inverse Universe

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



45.5037, 57.8411, 102.5314



41.7580, 53.2902, 102.6929



28.9460, 24.7256, 97.0121



18.2044, 19.7804, 23.1085



20.3670, 25.6435, 53.3108



2.0615, 2.6537, 5.2168

Previews

White Background



This preview shows how the XYZ color 48.3433, 33.8681, 11.0104 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 48.3433, 33.8681, 11.0104 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 48.3433, 33.8681, 11.0104

Background



This preview shows how black text looks on a background with the XYZ color 48.3433, 33.8681, 11.0104.



This preview shows how white text looks on a background with the XYZ color 48.3433, 33.8681,

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

48.3433, 33.8681, 11.0104

Protanopia

31.3488, 34.0933, 14.8259

Deuteranopia

34.4862, 33.8445, 10.3452



Tritanopia

50.1945, 33.9369, 21.0445

Trichromacy



Original Color

48.3433, 33.8681, 11.0104

Protanomaly

35.7098, 32.5744, 13.2095

Deuteranomaly

38.4343, 32.9581, 10.4667

Tritanomaly

49.4824, 33.8276, 16.7533

Monochromacy



Original Color

48.3433, 33.8681, 11.0104

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

33.9206, 30.7647, 23.5524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3433, 33.8681, 11.0104 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(254, 115, 77)` looks like.

```
.text, #text, p{  
    color:rgb(254, 115, 77)  
}
```

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(254, 115, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 115, 77) }
```

Border

The CSS property to change the border of an element to XYZ 48.3433, 33.8681, 11.0104 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(254, 115, 77) }
```


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

```
.border{ border-color:rgb(254, 115, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 115, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 115, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 115, 77);  
box-shadow:4px 4px 4px 4px rgb(254, 115,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3433, 33.8681, 11.0104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 115, 77) }
```

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

```
.background{ background-color: rgb(254,  
115, 77) }
```

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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