

Converting Colors

XYZ(48.2491, 34.0563, 8.0335)

Have a look what the booklet for
XYZ(48.2491, 34.0563, 8.0335)
contains.

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Color

**XYZ(48.2491, 34.0563,
8.0335)**

Conversions

Conversions Part 1	
Format	Color
Hex	FF743A
RGB	255, 116, 58
RGB Percent	100%, 45%, 23%
CMY	0.0000, 0.5451, 0.7725
CMYK	0.00, 0.55, 0.77, 0.00
HSL	18°, 100%, 61%
HSV	18°, 77%, 100%
XYZ	48.2491, 34.0563, 8.0335
YIQ	150.9490, 101.4620, 11.4300

Conversions

Conversions Part 2

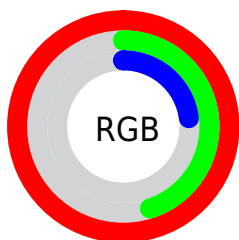
Format	Color
RYB	255, 140, 58
Decimal	16741434
CIELab	65.01, 49.69, 55.78
CIELCh	65, 74.706, 48.306
Yxy	34.0563, 0.5341, 0.3770
Android (android.graphics.Color)	4294931514 (0xFFFF743A)
YUV	150.9490, -45.8239, 91.2527
Hunter-Lab	58.3578, 45.4543, 32.6886

Details

The XYZ color **48.2491, 34.0563, 8.0335** 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 **39.7593, 48.0484, 101.7857**, and the grayscale version is **29.5543, 31.0935, 33.8608**.

A 20% lighter version of the original color is **58.5632, 51.4899, 21.3199**, and **23.2194, 14.5260, 1.6374** is the 20% darker color. If you saturate the color by 10%, you get **45.8766, 30.1055, 4.7955**, and if you desaturate by 10%, it is **51.3456, 38.9424, 13.0960**.

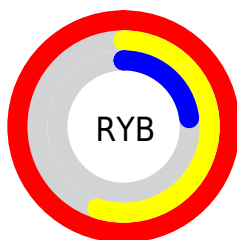
Distribution



Red (100%)

Green (45%)

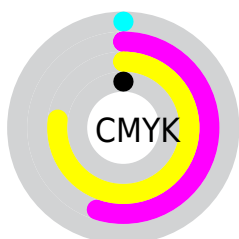
Blue (23%)



Red (100%)

Yellow (55%)

Blue (23%)

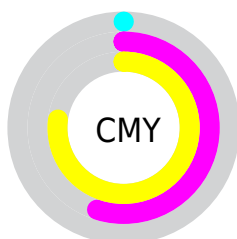


Cyan (0%)

Magenta (55%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2491, 34.0563, 8.0335 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 48.2491, 34.0563, 8.0335 by changing the saturation by 10% instead.


 48.2491, 34.0563,
8.0335


 48.2491, 34.0563,
8.0335

370.3448,
320.3830, 185.9389


 34.2363, 22.9369,
4.0283


 86.7826, 66.0212,
22.5713

 23.2389, 14.5469,
1.6409


 112.0340, 87.6355,
33.9411


 14.8917, 8.5020,
0.3197


 141.7623,
113.5168, 48.6027

 8.8292, 4.4178,
0.0000

 176.3329,
144.0495, 66.9749

 4.6862, 1.9099,
0.0000

 216.1111,
179.6182, 89.4760

 2.0972, 0.5543,
0.0000


 261.4622,


 0.6877, 0.0000,


220.6070, 116.5247


0.0000


312.7517,
267.4005, 148.5395


 0.0000, 0.0000,
0.0000


 48.2491, 34.0563,
8.0335


 48.2491, 34.0563,
8.0335


 45.8766, 30.1055,
4.7955

 51.3456, 38.9424,
13.0960


 44.1486, 27.0164,
3.0889


 55.2269, 44.8177,
20.2084


 43.7616, 26.3037,
2.7706

 59.9493, 51.7381,
29.5649

 65.5627, 59.7533,
41.3364

 72.1126, 68.9098,
55.6771

 79.6417, 79.2511,
72.7283

 88.1896, 90.8185,
92.6208

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



56.3727, 34.0563, 21.3560



48.2491, 34.0563, 8.0335



36.7658, 34.0563, 4.0047

Triad

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



48.2491, 34.0563, 8.0335



15.9889, 34.0563, 26.2816



39.3438, 34.0563, 127.1164

Complementary

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



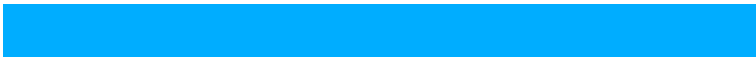
48.2491, 34.0563, 8.0335



39.7593, 48.0484, 101.7857

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.



28.3384, 34.0563, 131.1979



48.2491, 34.0563, 8.0335



16.3797, 34.0563, 59.0870

Square

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



48.2491, 34.0563, 8.0335



19.2019, 34.0563, 9.9143



20.4233, 34.0563, 101.6218



50.4943, 34.0563, 92.4109

Rectangle

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



48.2491, 34.0563, 8.0335



29.4598, 34.0563, 3.8678



20.4233, 34.0563, 101.6218



35.4647, 34.0563, 132.6213

Sweetspot

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



48.2499, 34.0582, 8.0341



75.1942, 73.1624, 62.5923



53.0829, 28.4182, 56.8319



15.5322, 14.8839, 12.1337



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.



48.2499, 34.0582, 8.0341



44.8115, 28.2303, 3.6530



65.6261, 68.8106, 13.8261



18.4452, 18.8585, 18.8122



22.9783, 13.9678, 1.4850



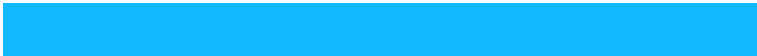
2.3272, 1.5397, 0.1745

Inverse Universe

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



39.7593, 48.0484, 101.7857



35.6811, 42.1161, 100.8564



24.4180, 17.3658, 96.6719



18.0767, 19.5249, 23.0659



18.0864, 21.0825, 52.5506



1.8559, 2.2424, 5.1483

Previews

White Background



This preview shows how the XYZ color 48.2491, 34.0563, 8.0335 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 48.2491, 34.0563, 8.0335 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 48.2491, 34.0563, 8.0335

Background



This preview shows how black text looks on a background with the XYZ color 48.2491, 34.0563, 8.0335.



This preview shows how white text looks on a background with the XYZ color 48.2491, 34.0563,

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

48.2491, 34.0563, 8.0335

Protanopia

31.2368, 34.1260, 10.7350

Deuteranopia

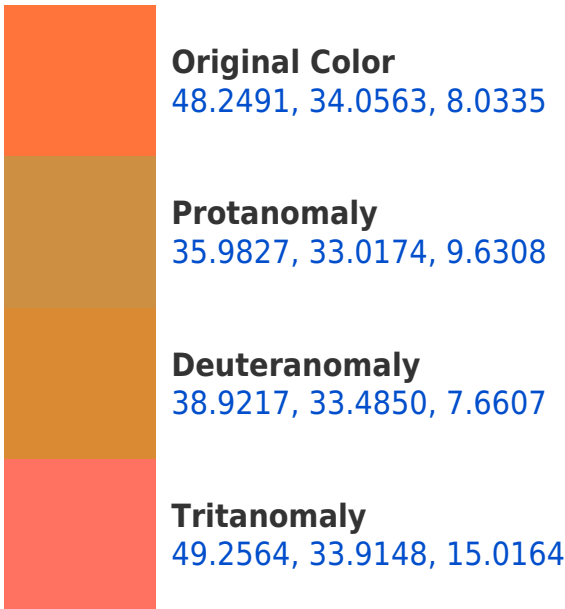
34.7285, 34.0319, 7.5347



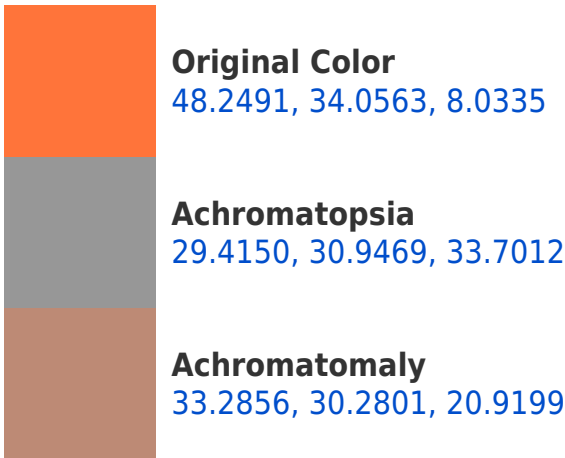
Tritanopia

50.1945, 33.9369, 21.0445

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2491, 34.0563, 8.0335 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, 116, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 58)  
}
```

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, 116, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 58) }
```

Border

The CSS property to change the border of an element to XYZ 48.2491, 34.0563, 8.0335 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, 116, 58) }
```

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

```
.border{ border-color:rgb(255, 116, 58) }
```

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

Here you see how a box with a 4 pixel rgb(255, 116, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2491, 34.0563, 8.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 58) }
```

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

```
.background{ background-color: rgb(255,  
116, 58) }
```

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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