

Converting Colors

XYZ(47.0041, 34.2326, 8.4018)

Have a look what the booklet for
XYZ(47.0041, 34.2326, 8.4018)
contains.

XYZ(47.0773, 34.3250, 8.4191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.0773, 34.3250,
8.4191)**

Conversions

Conversions Part 1

Format	Color
Hex	FA793C
RGB	250, 121, 60
RGB Percent	98%, 47%, 24%
CMY	0.0196, 0.5255, 0.7647
CMYK	0.00, 0.52, 0.76, 0.02
HSL	19°, 95%, 61%
HSV	19°, 76%, 98%
XYZ	47.0773, 34.3250, 8.4191
YIQ	152.6170, 96.4650, 8.3770

Conversions

Conversions Part 2

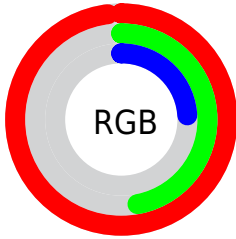
Format	Color
R _Y B	250, 150, 60
Decimal	16415036
CIE Lab	65.22, 45.52, 54.83
CIE LCh	65, 71.262, 50.300
Yxy	34.3250, 0.5241, 0.3821
Android (android.graphics.Color)	4294605116 (0xFFFA793C)
YUV	152.6170, -45.6602, 85.4049
Hunter-Lab	58.5875, 40.9033, 32.4912

Details

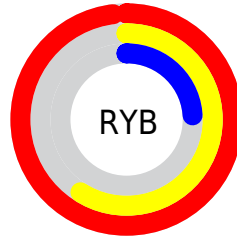
The XYZ color **47.0773, 34.3250, 8.4191** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **37.3148, 44.2548, 97.0171**, and the grayscale version is **30.2757, 31.8523, 34.6872**.

A 20% lighter version of the original color is **59.6346, 53.4584, 22.2143**, and **22.5826, 14.7078, 1.7635** is the 20% darker color. If you saturate the color by 10%, you get **44.6813, 30.3530, 5.0940**, and if you desaturate by 10%, it is **50.1495, 39.1513, 13.5085**.

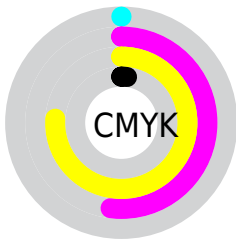
Distribution



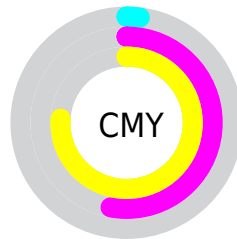
- Red (98%)
- Green (47%)
- Blue (24%)



- Red (98%)
- Yellow (59%)
- Blue (24%)



- Cyan (0%)
- Magenta (52%)
- Yellow (76%)
- Black (2%)





- Cyan (2%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0773, 34.3250, 8.4191 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 47.0773, 34.3250, 8.4191 by changing the saturation by 10% instead.


 47.0773, 34.3250,
8.4191


 47.0773, 34.3250,
8.4191


365.7668,
321.5788, 189.0389


 33.3050, 23.1434,
4.2727


 85.0470, 66.4388,
23.3356

 22.5205, 14.6994,
1.7761


 109.9752, 88.1397,
34.9428


 14.3586, 8.6087,
0.4121


 139.3526,
114.1158, 49.8740

 8.4539, 4.4868,
0.0000

 173.5447,
144.7516, 68.5477

 4.4410, 1.9495,
0.0000

 212.9168,
180.4314, 91.3826

 1.9545, 0.5779,
0.0000

 257.8343,

 0.6082, 0.0000,

221.5396, 118.7970

0.0000

308.6625,
268.4606, 151.2096

■ 0.0000, 0.0000,
0.0000

■ 47.0773, 34.3250,
8.4191

■ 47.0773, 34.3250,
8.4191

■ 44.6813, 30.3530,
5.0940

■ 50.1495, 39.1513,
13.5085

■ 42.8921, 27.1724,
3.2713


■ 53.9522, 44.8769,
20.5709

■ 42.3127, 26.1012,
2.8079

■ 58.5358, 51.5502,
29.7873

■ 63.9452, 59.2137,
41.3175

■ 70.2215, 67.9075,
55.3061

 77.4031, 77.6692,
71.8857

 85.5258, 88.5345,
91.1794

 93.2340, 99.0638,
108.8150

Harmonies

Analogous

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



55.1046, 34.3250, 20.8677



47.0773, 34.3250, 8.4191



36.0980, 34.3250, 4.6267

Triad

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



47.0773, 34.3250, 8.4191



16.6635, 34.3250, 28.5615



40.0366, 34.3250, 120.4922

Complementary

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



47.0773, 34.3250, 8.4191



37.3148, 44.2548, 97.0171

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.



29.3820, 34.3250, 126.5451



47.0773, 34.3250, 8.4191



17.2797, 34.3250, 60.8705

Square

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



47.0773, 34.3250, 8.4191



19.5715, 34.3250, 11.4913



21.4818, 34.3250, 100.7067



50.4797, 34.3250, 86.9514

Rectangle

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



47.0773, 34.3250, 8.4191



29.1906, 34.3250, 4.6525



21.4818, 34.3250, 100.7067



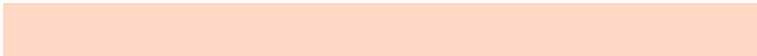
36.3185, 34.3250, 126.3110

Sweetspot

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



47.0781, 34.3269, 8.4197



75.5905, 73.9551, 62.7244



50.3160, 27.2662, 51.2307



15.6265, 15.0726, 12.1651



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.



47.0781, 34.3269, 8.4197



45.7114, 29.9562, 4.1809



64.5825, 69.3357, 14.2545



17.6996, 18.1350, 18.0299



22.5589, 14.0744, 1.5276



2.1808, 1.4865, 0.1720

Inverse Universe

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



37.3148, 44.2548, 97.0171



34.8227, 40.2425, 100.5400



23.1961, 16.0175, 92.3108



17.2684, 18.6137, 22.0680



16.8863, 19.1282, 50.7757



1.6598, 1.9632, 4.7346

Previews

White Background



This preview shows how the XYZ color 47.0773, 34.3250, 8.4191 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 47.0773, 34.3250, 8.4191 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 47.0773, 34.3250, 8.4191

Background



This preview shows how black text looks on a background with the XYZ color 47.0773, 34.3250, 8.4191.



This preview shows how white text looks on a background with the XYZ color 47.0773, 34.3250,

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

47.0773, 34.3250, 8.4191

Protanopia

31.4400, 34.4813, 10.9597

Deuteranopia

35.2396, 34.5233, 8.0551



Tritanopia

50.0382, 34.3224, 22.3999

Trichromacy



Original Color

47.0773, 34.3250, 8.4191

Protanomaly

35.7671, 33.3526, 9.8627

Deuteranomaly

38.9811, 33.9374, 8.1105

Tritanomaly

48.7583, 34.3189, 15.8587

Monochromacy



Original Color

47.0773, 34.3250, 8.4191

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.5937, 31.0730, 21.6799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0773, 34.3250, 8.4191 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(250, 121, 60)` looks like.

```
.text, #text, p{  
    color:rgb(250, 121, 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(250, 121, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 121, 60) }
```

Border

The CSS property to change the border of an element to XYZ 47.0773, 34.3250, 8.4191 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(250, 121, 60) }
```


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

```
.border{ border-color:rgb(250, 121, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 121, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 121, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 121, 60);  
box-shadow:4px 4px 4px 4px rgb(250, 121,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0773, 34.3250, 8.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 121, 60) }
```

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

```
.background{ background-color: rgb(250,  
121, 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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