

Converting Colors

XYZ(47.3142, 33.7632, 7.3931)

Have a look what the booklet for
XYZ(47.3142, 33.7632, 7.3931)
contains.

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Color

**XYZ(47.1488, 33.6751,
7.3831)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7535
RGB	252, 117, 53
RGB Percent	99%, 46%, 21%
CMY	0.0118, 0.5411, 0.7921
CMYK	0.00, 0.54, 0.79, 0.01
HSL	19°, 97%, 60%
HSV	19°, 79%, 99%
XYZ	47.1488, 33.6751, 7.3831
YIQ	150.0690, 101.0040, 8.7160

Conversions

Conversions Part 2

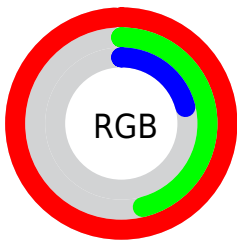
Format	Color
R _Y B	252, 147, 53
Decimal	16545077
CIE Lab	64.70, 47.94, 57.59
CIE LCh	65, 74.933, 50.222
Yxy	33.6751, 0.5345, 0.3818
Android (android.graphics.Color)	4294735157 (0xFFFC7535)
YUV	150.0690, -47.8550, 89.3935
Hunter-Lab	58.0303, 43.4759, 33.0778

Details

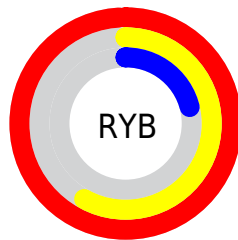
The XYZ color **47.1488, 33.6751, 7.3831** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **37.0205, 43.7485, 98.5879**, and the grayscale version is **29.1867, 30.7067, 33.4396**.

A 20% lighter version of the original color is **58.4912, 51.7645, 20.0054**, and **22.5724, 14.3582, 1.5817** is the 20% darker color. If you saturate the color by 10%, you get **44.9008, 29.8761, 4.4864**, and if you desaturate by 10%, it is **50.0664, 38.3270, 12.0048**.

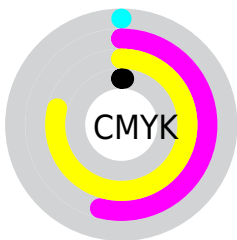
Distribution



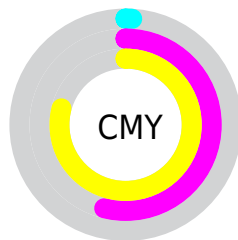
- Red (99%)
- Green (46%)
- Blue (21%)



- Red (99%)
- Yellow (58%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (79%)
- Black (1%)





- Cyan (1%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1488, 33.6751, 7.3831 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 47.1488, 33.6751, 7.3831 by changing the saturation by 10% instead.


 47.1488, 33.6751,
7.3831


 47.1488, 33.6751,
7.3831


366.0472,
318.6809, 180.5600


 33.3617, 22.6441,
3.6208


 85.1531, 65.4281,
21.2657


 22.5643, 14.3309,
1.4197

 110.1010, 86.9189,
32.2231


 14.3910, 8.3512,
0.1570


 139.5000,
112.6651, 46.4159

 8.4766, 4.3205,
0.0000

 173.7153,
143.0511, 64.2626

 4.4558, 1.8544,
0.0000

 213.1123,
178.4613, 86.1818

 1.9631, 0.5207,
0.0000

 258.0564,

 0.6131, 0.0000,

219.2801, 112.5921

0.0000

308.9129,
265.8918, 143.9120

■ 0.0000, 0.0000,
0.0000

■ 47.1488, 33.6751,
7.3831

■ 47.1488, 33.6751,
7.3831

■ 44.9008, 29.8761,
4.4864

■ 50.0664, 38.3270,
12.0048

■ 43.2383, 26.8600,
2.9803

■ 53.7115, 43.8796,
18.5767

■ 43.0911, 26.5883,
2.8609

■ 58.1372, 50.3830,
27.2911

■ 63.3908, 57.8817,
38.3166

■ 69.5150, 66.4172,
51.8047

76.5498, 76.0285,
67.8940

84.5323, 86.7524,
86.7126

93.4976, 98.6239,
108.3802

93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



55.6038, 33.6751, 19.7653



47.1488, 33.6751, 7.3831



35.6500, 33.6751, 3.7897

Triad

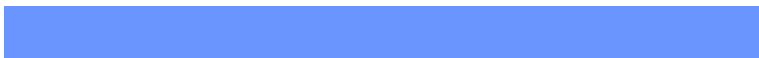
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.1488, 33.6751, 7.3831



15.6444, 33.6751, 27.4983



39.7025, 33.6751, 125.0736

Complementary

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



47.1488, 33.6751, 7.3831



37.0205, 43.7485, 98.5879

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.



28.6214, 33.6751, 131.5052



47.1488, 33.6751, 7.3831



16.2570, 33.6751, 61.1908

Square

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



47.1488, 33.6751, 7.3831



18.5972, 33.6751, 10.3247



20.5134, 33.6751, 103.6340



50.6804, 33.6751, 89.1262

Rectangle

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



47.1488, 33.6751, 7.3831



28.4750, 33.6751, 3.8073



20.5134, 33.6751, 103.6340



35.8200, 33.6751, 131.3183

Sweetspot

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



47.1496, 33.6770, 7.3837



74.8715, 72.9788, 61.0614



50.6013, 26.9151, 50.6629



15.4875, 14.8828, 11.8468



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.



47.1496, 33.6770, 7.3837



45.0239, 28.7141, 3.5417



65.2194, 69.8167, 13.4069



17.7004, 18.1366, 18.0302



22.5644, 14.0855, 1.5295



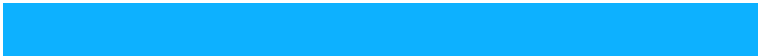
2.1814, 1.4877, 0.1722

Inverse Universe

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



37.0205, 43.7485, 98.5879



33.9505, 38.7801, 100.3037



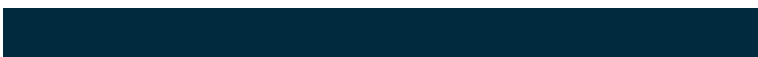
22.6517, 15.0109, 93.7983



17.2676, 18.6120, 22.0677



16.8726, 19.1009, 50.7711



1.6586, 1.9608, 4.7342

Previews

White Background



This preview shows how the XYZ color 47.1488, 33.6751, 7.3831 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 47.1488, 33.6751, 7.3831 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 47.1488, 33.6751, 7.3831

Background



This preview shows how black text looks on a background with the XYZ color 47.1488, 33.6751, 7.3831.



This preview shows how white text looks on a background with the XYZ color 47.1488, 33.6751,

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

47.1488, 33.6751, 7.3831

Protanopia

30.8315, 33.9378, 9.7762

Deuteranopia

34.4722, 33.6751, 6.9686



Tritanopia

50.0268, 33.6962, 20.6969

Trichromacy



Original Color

47.1488, 33.6751, 7.3831

Protanomaly

35.2667, 32.6677, 8.7217

Deuteranomaly

38.3722, 33.0020, 7.0369

Tritanomaly

48.7986, 33.6892, 14.5204

Monochromacy



Original Color

47.1488, 33.6751, 7.3831

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.6765, 29.9796, 20.2841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1488, 33.6751, 7.3831 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(252, 117, 53)` looks like.

```
.text, #text, p{  
    color:rgb(252, 117, 53)  
}
```

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(252, 117, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 117, 53) }
```

Border

The CSS property to change the border of an element to XYZ 47.1488, 33.6751, 7.3831 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(252, 117, 53) }
```


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

```
.border{ border-color:rgb(252, 117, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 117, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 117, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 117, 53);  
box-shadow:4px 4px 4px 4px rgb(252, 117,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1488, 33.6751, 7.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 117, 53) }
```

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

```
.background{ background-color: rgb(252,  
117, 53) }
```

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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