

Converting Colors

XYZ(45.2281, 29.6819, 6.4189)

Have a look what the booklet for
XYZ(45.2281, 29.6819, 6.4189)
contains.

XYZ(45.0883, 29.6611, 6.3664)	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(45.0883, 29.6611,
6.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6232
RGB	252, 98, 50
RGB Percent	99%, 38%, 20%
CMY	0.0118, 0.6156, 0.8039
CMYK	0.00, 0.61, 0.80, 0.01
HSL	14°, 97%, 59%
HSV	14°, 80%, 99%
XYZ	45.0883, 29.6611, 6.3664
YIQ	138.5740, 107.1920, 17.7200

Conversions

Conversions Part 2

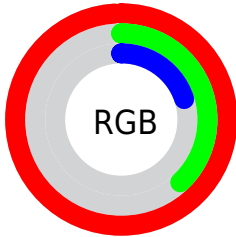
Format	Color
R_{YB}	252, 113, 50
Decimal	16540210
CIE Lab	61.36, 56.50, 55.75
CIE LCh	61, 79.379, 44.619
Yxy	29.6611, 0.5559, 0.3657
Android (android.graphics.Color)	4294730290 (0xFFFC6232)
YUV	138.5740, -43.6670, 99.4746
Hunter-Lab	54.4620, 52.4690, 31.1926

Details

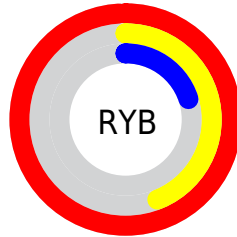
The XYZ color **45.0883, 29.6611, 6.3664** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **40.4769, 50.8880, 99.7838**, and the grayscale version is **24.5117, 25.7882, 28.0834**.

A 20% lighter version of the original color is **55.0959, 45.2913, 17.8948**, and **21.2523, 12.0824, 1.2120** is the 20% darker color. If you saturate the color by 10%, you get **43.0994, 26.3276, 3.7187**, and if you desaturate by 10%, it is **47.8085, 33.9801, 10.7319**.

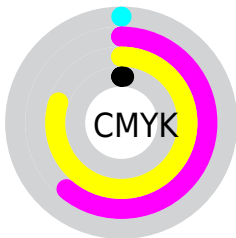
Distribution



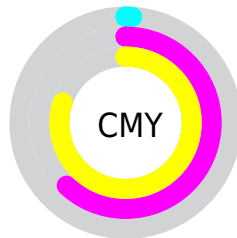
- Red (99%)
- Green (38%)
- Blue (20%)



- Red (99%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (80%)
- Black (1%)





- Cyan (1%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0883, 29.6611, 6.3664 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 45.0883, 29.6611, 6.3664 by changing the saturation by 10% instead.


 45.0883, 29.6611,
6.3664


 45.0883, 29.6611,
6.3664


357.9087,
300.3216, 171.7160

 31.7286, 19.5815,
2.9968


 82.0891, 59.1258,
19.1774

 21.3088, 12.0912,
1.0930


 106.4610, 79.2797,
29.4559

 13.4637, 6.8058,
0.0000


 135.2342,
103.5605, 42.8744

 7.8278, 3.3410,
0.0000

 168.7742,
132.3526, 59.8514

 4.0358, 1.3122,
0.0000

 207.4462,
166.0403, 80.8056

 1.7224, 0.1506,
0.0000

 251.6158,

 0.4702, 0.0000,

205.0081, 106.1554

0.0000

301.6482,
249.6404, 136.3193

■ 0.0000, 0.0000,
0.0000

■ 45.0883, 29.6611,
6.3664

■ 45.0883, 29.6611,
6.3664

■ 43.0994, 26.3276,
3.7187

■ 47.8085, 33.9801,
10.7319

■ 41.7548, 23.9157,
2.4155

■ 51.3294, 39.3533,
17.0494

■ 55.7133, 45.8484,
25.5174

■ 61.0157, 53.5259,
36.3094

■ 67.2872, 62.4418,
49.5812

74.5742, 72.6485,
65.4748

82.9206, 84.1951,
84.1215

92.3671, 97.1283,
105.6439

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.



52.5057, 29.6611, 19.8196



45.0883, 29.6611, 6.3664



33.8765, 29.6611, 2.5001

Triad

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



45.0883, 29.6611, 6.3664



12.8944, 29.6611, 19.2891



33.5848, 29.6611, 126.3868

Complementary

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



45.0883, 29.6611, 6.3664



40.4769, 50.8880, 99.7838

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.



23.1819, 29.6611, 125.8943



45.0883, 29.6611, 6.3664



12.8533, 29.6611, 49.1440

Square

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



45.0883, 29.6611, 6.3664



16.2833, 29.6611, 6.1844



16.1522, 29.6611, 92.0842



44.8297, 29.6611, 93.1795

Rectangle

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



45.0883, 29.6611, 6.3664



26.6016, 29.6611, 2.1742



16.1522, 29.6611, 92.0842



29.8445, 29.6611, 130.6034

Sweetspot

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



45.0890, 29.6628, 6.3669



73.5953, 70.4263, 60.6360



52.2886, 27.3780, 60.2017



15.1865, 14.2807, 11.7465



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.



45.0890, 29.6628, 6.3669



43.3861, 25.4628, 2.9210



60.9449, 61.3747, 11.6522



17.5795, 17.8948, 17.9899



21.8445, 12.6456, 1.2895



2.1013, 1.3274, 0.1455

Inverse Universe

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



40.4769, 50.8880, 99.7838



38.1029, 47.1364, 101.6977



23.8231, 17.5804, 94.2325



17.3957, 18.8683, 22.1104



19.1037, 23.5630, 51.5148



1.8505, 2.3446, 4.7982

Previews

White Background



This preview shows how the XYZ color 45.0883, 29.6611, 6.3664 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 45.0883, 29.6611, 6.3664 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0883, 29.6611, 6.3664

Background



This preview shows how black text looks on a background with the XYZ color 45.0883, 29.6611, 6.3664.



This preview shows how white text looks on a background with the XYZ color 45.0883, 29.6611,

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

45.0883, 29.6611, 6.3664

Protanopia

27.1899, 29.8644, 9.1818

Deuteranopia

30.3368, 29.7419, 5.8109



Tritanopia

46.9920, 29.7814, 14.8269

Trichromacy



Original Color

45.0883, 29.6611, 6.3664

Protanomaly

31.7980, 28.1513, 7.8955

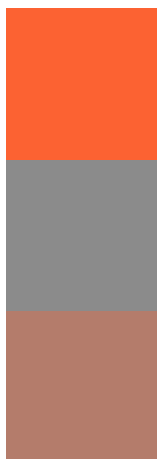
Deuteranomaly

34.5978, 28.6762, 5.8094

Tritanomaly

46.0854, 29.6611, 11.0808

Monochromacy



Original Color

45.0883, 29.6611, 6.3664

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.6839, 25.1801, 17.2584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0883, 29.6611, 6.3664 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, 98, 50)` looks like.

```
.text, #text, p{  
    color:rgb(252, 98, 50)  
}
```

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, 98, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 98, 50) }
```

Border

The CSS property to change the border of an element to XYZ 45.0883, 29.6611, 6.3664 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, 98, 50) }
```


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

```
.border{ border-color:rgb(252, 98, 50) }
```

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

Here you see how a box with a 4 pixel rgb(252, 98, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 98, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 98, 50);  
box-shadow:4px 4px 4px 4px rgb(252, 98,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0883, 29.6611, 6.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 98, 50) }
```

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

```
.background{ background-color: rgb(252, 98,  
50) }
```

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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