

Converting Colors

XYZ(43.7079, 28.9540, 3.4345)

Have a look what the booklet for
XYZ(43.7079, 28.9540, 3.4345)
contains.

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Color

**XYZ(43.8194, 29.0703,
3.4452)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6205
RGB	250, 98, 5
RGB Percent	98%, 38%, 2%
CMY	0.0196, 0.6156, 0.9804
CMYK	0.00, 0.61, 0.98, 0.02
HSL	23°, 96%, 50%
HSV	23°, 98%, 98%
XYZ	43.8194, 29.0703, 3.4452
YIQ	132.8460, 120.4450, 3.3010

Conversions

Conversions Part 2

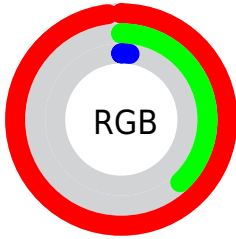
Format	Color
RYB	250, 155, 5
Decimal	16409093
CIELab	60.84, 55.04, 69.23
CIELCh	61, 88.442, 51.516
Yxy	29.0703, 0.5740, 0.3808
Android (android.graphics.Color)	4294599173 (0xFFFA6205)
YUV	132.8460, -63.0281, 102.7441
Hunter-Lab	53.9169, 50.7162, 33.9533

Details

The XYZ color **43.8194, 29.0703, 3.4452** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **29.3742, 31.0471, 94.8862**, and the grayscale version is **22.4312, 23.5994, 25.6997**.

A 20% lighter version of the original color is **53.7054, 44.4721, 11.3836**, and **20.8005, 11.9002, 1.2007** is the 20% darker color. If you saturate the color by 10%, you get **43.5075, 28.4909, 3.2062**, and if you desaturate by 10%, it is **45.6217, 32.3441, 5.0673**.

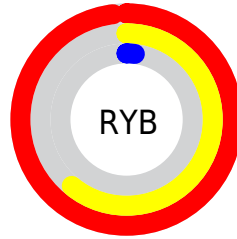
Distribution



Red (98%)

Green (38%)

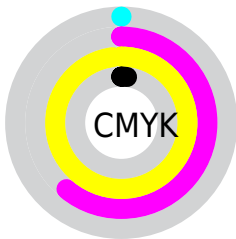
Blue (2%)



Red (98%)

Yellow (61%)

Blue (2%)

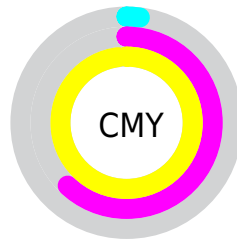


Cyan (0%)

Magenta (61%)

Yellow (98%)

Black (2%)



Cyan (2%)


Magenta (62%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8194, 29.0703, 3.4452 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 43.8194, 29.0703, 3.4452 by changing the saturation by 10% instead.


 43.8194, 29.0703,
3.4452


 43.8194, 29.0703,
3.4452


352.8355,
297.5465, 141.8433


 30.7259, 19.1340,
1.3262


 80.1939, 58.1888,
12.7085

 20.5410, 11.7671,
0.0831


 104.2057, 78.1397,
20.6900


 12.8994, 6.5853,
0.0000


 132.5875,
102.1977, 31.4626

 7.4359, 3.2042,
0.0000

 165.7047,
130.7471, 45.4451

 3.7849, 1.2392,
0.0000

 203.9228,
164.1722, 63.0558


 1.5812, 0.0934,
0.0000


 247.6071,


 0.3801, 0.0000,


202.8576, 84.7134


0.0000


 297.1228,
247.1876, 110.8364


 0.0000, 0.0000,
0.0000


 43.8194, 29.0703,
3.4452


 43.8194, 29.0703,
3.4452


 43.5075, 28.4909,
3.2062

 45.6217, 32.3441,
5.0673

 47.9678, 36.3078,
8.0952

 50.9272, 41.0131,
12.8229

 54.5533, 46.5021,
19.4669

 58.8924, 52.8131,
28.2114

63.9864, 59.9815,
39.2183

69.8733, 68.0401,
52.6337

76.5884, 77.0202,
68.5913

84.1648, 86.9513,
87.2147

Harmonies

Analogous

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



53.7601, 29.0703, 13.6315



43.8194, 29.0703, 3.4452



31.0262, 29.0703, 1.2414

Triad

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



43.8194, 29.0703, 3.4452



11.0116, 29.0703, 23.1916



36.5691, 29.0703, 134.8278

Complementary

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



43.8194, 29.0703, 3.4452



29.3742, 31.0471, 94.8862

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.



24.4920, 29.0703, 144.8511



43.8194, 29.0703, 3.4452



11.7309, 29.0703, 61.0576

Square

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



43.8194, 29.0703, 3.4452



13.6738, 29.0703, 6.3236



16.0188, 29.0703, 111.7166



48.8298, 29.0703, 89.7544

Rectangle

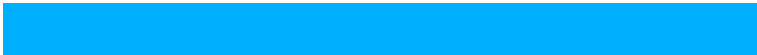
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.8194, 29.0703, 3.4452



23.4430, 29.0703, 1.3099



16.0188, 29.0703, 111.7166



32.2890, 29.0703, 143.2515

Sweetspot

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



43.8200, 29.0720, 3.4457



72.4162, 70.2593, 53.4876



45.8383, 22.9765, 35.3541



14.9230, 14.2521, 10.1227



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.



43.8200, 29.0720, 3.4457



45.4964, 29.7728, 3.3488



64.3503, 70.1326, 10.2891



17.7846, 18.3051, 18.0583



23.2057, 15.3680, 1.7432



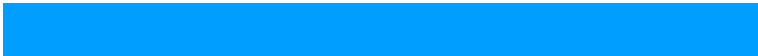
2.2478, 1.6205, 0.1943

Inverse Universe

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



29.3742, 31.0471, 94.8862



30.3107, 31.7414, 99.1369



18.0005, 8.2998, 91.0950



17.1800, 18.4368, 22.0385



15.5218, 16.3992, 50.3208



1.5398, 1.7232, 4.6946

Previews

White Background



This preview shows how the XYZ color 43.8194, 29.0703, 3.4452 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 43.8194, 29.0703, 3.4452 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 43.8194, 29.0703, 3.4452

Background



This preview shows how black text looks on a background with the XYZ color 43.8194, 29.0703, 3.4452.



This preview shows how white text looks on a background with the XYZ color 43.8194, 29.0703,

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

43.8194, 29.0703, 3.4452

Protanopia

26.4913, 29.3570, 5.1899

Tritanopia

46.0436, 29.0407, 14.4879

Trichromacy



Original Color

43.8194, 29.0703, 3.4452

Protanomaly

31.1178, 27.8793, 4.3134

Tritanomaly

44.7118, 28.8848, 8.0692

Monochromacy



Original Color

43.8194, 29.0703, 3.4452

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.3007, 23.3349, 11.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8194, 29.0703, 3.4452 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, 98, 5)` looks like.

```
.text, #text, p{  
    color:rgb(250, 98, 5)  
}
```

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, 98, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 98, 5) }
```

Border

The CSS property to change the border of an element to XYZ 43.8194, 29.0703, 3.4452 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, 98, 5) }
```

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

```
.border{ border-color:rgb(250, 98, 5) }
```

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

Here you see how a box with a 4 pixel rgb(250, 98, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 98, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 98, 5);  
box-shadow:4px 4px 4px 4px rgb(250, 98, 5)  
}
```


Background

The CSS property to change the background color of an element to XYZ 43.8194, 29.0703, 3.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 98, 5) }
```

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

```
.background{ background-color: rgb(250, 98,  
5) }
```

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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