

Converting Colors

XYZ(44.3894, 29.2894, 3.4071)

Have a look what the booklet for
XYZ(44.3894, 29.2894, 3.4071)
contains.

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Color

**XYZ(44.4360, 29.2514,
3.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6103
RGB	252, 97, 3
RGB Percent	99%, 38%, 1%
CMY	0.0118, 0.6196, 0.9882
CMYK	0.00, 0.62, 0.99, 0.01
HSL	23°, 98%, 50%
HSV	23°, 99%, 99%
XYZ	44.4360, 29.2514, 3.3902
YIQ	132.6290, 122.5540, 3.6260

Conversions

Conversions Part 2

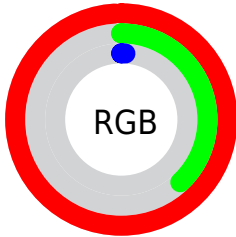
Format	Color
R_{YB}	252, 154, 3
Decimal	16539907
CIE Lab	61.00, 56.15, 69.84
CIE LCh	61, 89.618, 51.201
Yxy	29.2514, 0.5765, 0.3795
Android (android.graphics.Color)	4294729987 (0xFFFC6103)
YUV	132.6290, -63.9071, 104.6884
Hunter-Lab	54.0846, 52.0080, 34.1427

Details

The XYZ color **44.4360, 29.2514, 3.3902** 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 **29.8342, 31.4997, 96.6023**, and the grayscale version is **22.3546, 23.5188, 25.6119**.

A 20% lighter version of the original color is **53.5424, 44.1461, 11.3293**, and **21.2190, 12.0158, 1.2009** is the 20% darker color. If you saturate the color by 10%, you get **44.2493, 28.9047, 3.2470**, and if you desaturate by 10%, it is **46.2279, 32.5226, 4.9526**.

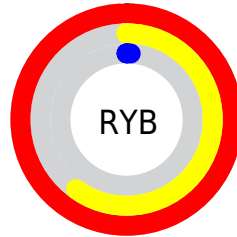
Distribution



Red (99%)

Green (38%)

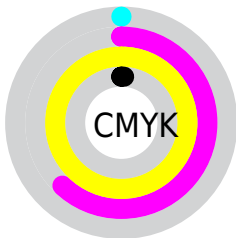
Blue (1%)



Red (99%)

Yellow (60%)

Blue (1%)

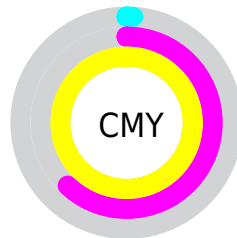


Cyan (0%)

Magenta (62%)

Yellow (99%)

Black (1%)



Cyan (1%)


Magenta (62%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4360, 29.2514, 3.3902 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 44.4360, 29.2514, 3.3902 by changing the saturation by 10% instead.


 44.4360, 29.2514,
3.3902


 44.4360, 29.2514,
3.3902


355.3068,
298.3993, 141.1850


 31.2128, 19.2711,
1.2972


 81.1157, 58.4763,
12.5770

 20.9136, 11.8663,
0.0595


 105.3029, 78.4896,
20.5078

 13.1729, 6.6527,
0.0000


 133.8755,
102.6161, 31.2217

 7.6256, 3.2459,
0.0000

 167.1989,
131.2401, 45.1371

 3.9061, 1.2614,
0.0000

 205.6383,
164.7460, 62.6726


 1.6491, 0.1110,
0.0000

 249.5592,


 0.4241, 0.0000,


203.5183, 84.2467


0.0000


 299.3269,
247.9412, 110.2780


 0.0000, 0.0000,
0.0000


 44.4360, 29.2514,
3.3902


 44.4360, 29.2514,
3.3902


 44.2493, 28.9047,
3.2470

 46.2279, 32.5226,
4.9526

 48.5656, 36.4943,
7.9017

 51.5251, 41.2212,
12.5629

 55.1616, 46.7472,
19.1608

 59.5231, 53.1119,
27.8852

64.6527, 60.3519,
38.9031

70.5896, 68.5010,
52.3646

77.3702, 77.5916,
68.4069

85.0283, 87.6539,
87.1570

Harmonies

Analogous

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



54.5283, 29.2514, 13.7554



44.4360, 29.2514, 3.3902



31.3918, 29.2514, 1.1753

Triad

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



44.4360, 29.2514, 3.3902



10.9571, 29.2514, 22.9673



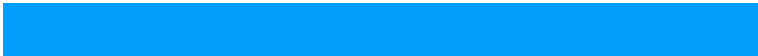
36.7682, 29.2514, 137.7649

Complementary

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



44.4360, 29.2514, 3.3902



29.8342, 31.4997, 96.6023

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.



24.4979, 29.2514, 147.5623



44.4360, 29.2514, 3.3902



11.6480, 29.2514, 61.3323

Square

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



44.4360, 29.2514, 3.3902



13.6853, 29.2514, 6.1195



15.9440, 29.2514, 113.1977



49.3067, 29.2514, 91.7672

Rectangle

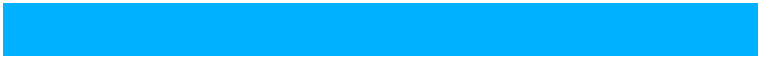
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.4360, 29.2514, 3.3902



23.6533, 29.2514, 1.2281



15.9440, 29.2514, 113.1977



32.4108, 29.2514, 146.2613

Sweetspot

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



44.4366, 29.2531, 3.3907



71.7316, 69.3052, 51.9798



46.5839, 23.3232, 35.6270



14.7900, 14.0639, 9.8381



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.



44.4366, 29.2531, 3.3907



45.4477, 29.6754, 3.3326



65.4404, 71.2606, 10.3919



17.7816, 18.2990, 18.0573



23.1805, 15.3177, 1.7349



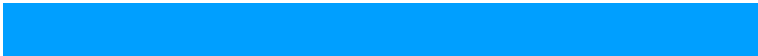
2.2453, 1.6154, 0.1935

Inverse Universe

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



29.8342, 31.4997, 96.6023



30.4014, 31.9229, 99.1671



18.2453, 8.3218, 92.7393



17.1831, 18.4430, 22.0395



15.5677, 16.4909, 50.3361



1.5439, 1.7314, 4.6960

Previews

White Background



This preview shows how the XYZ color 44.4360, 29.2514, 3.3902 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 44.4360, 29.2514, 3.3902 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 44.4360, 29.2514, 3.3902

Background



This preview shows how black text looks on a background with the XYZ color 44.4360, 29.2514, 3.3902.



This preview shows how white text looks on a background with the XYZ color 44.4360, 29.2514,

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

44.4360, 29.2514, 3.3902

Protanopia

26.4913, 29.3570, 5.1899

Deuteranopia

29.6278, 29.1953, 4.0737



Tritanopia

46.6405, 29.2277, 14.2496

Trichromacy



Original Color

44.4360, 29.2514, 3.3902

Protanomaly

30.9774, 27.6113, 4.2271

Deuteranomaly

33.7915, 28.1191, 3.6752

Tritanomaly

45.2919, 29.0591, 7.7793

Monochromacy



Original Color

44.4360, 29.2514, 3.3902

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 44.4360, 29.2514, 3.3902 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, 97, 3)` looks like.

```
.text, #text, p{  
    color:rgb(252, 97, 3)  
}
```

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, 97, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 97, 3) }
```

Border

The CSS property to change the border of an element to XYZ 44.4360, 29.2514, 3.3902 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, 97, 3) }
```


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

```
.border{ border-color:rgb(252, 97, 3) }
```

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

Here you see how a box with a 4 pixel rgb(252, 97, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 97, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 97, 3);  
box-shadow:4px 4px 4px 4px rgb(252, 97, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 44.4360, 29.2514, 3.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 97, 3) }
```

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

```
.background{ background-color: rgb(252, 97,  
3) }
```

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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