

Converting Colors

XYZ(43.9935, 29.2951, 3.7960)

Have a look what the booklet for
XYZ(43.9935, 29.2951, 3.7960)
contains.

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Color

**XYZ(43.9724, 29.2822,
3.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	FA630F
RGB	250, 99, 15
RGB Percent	98%, 39%, 6%
CMY	0.0196, 0.6117, 0.9412
CMYK	0.00, 0.60, 0.94, 0.02
HSL	21°, 96%, 52%
HSV	21°, 94%, 98%
XYZ	43.9724, 29.2822, 3.7864
YIQ	134.5730, 116.9600, 5.8880

Conversions

Conversions Part 2

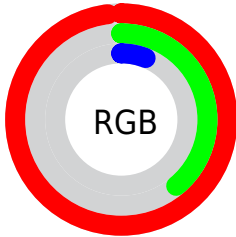
Format	Color
R_{YB}	250, 146, 15
Decimal	16409359
CIE _{Lab}	61.03, 54.68, 67.53
CIE _{LCh}	61, 86.893, 51.000
Yxy	29.2822, 0.5708, 0.3801
Android (android.graphics.Color)	4294599439 (0xFFFA630F)
YUV	134.5730, -58.9495, 101.2295
Hunter-Lab	54.1130, 50.3518, 33.7305

Details

The XYZ color **43.9724, 29.2822, 3.7864** 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 **31.0875, 34.2742, 95.4187**, and the grayscale version is **23.0534, 24.2540, 26.4126**.

A 20% lighter version of the original color is **54.0316, 44.8656, 12.2907**, and **20.8355, 11.9702, 1.2123** is the 20% darker color. If you saturate the color by 10%, you get **43.0271, 27.5300, 3.0461**, and if you desaturate by 10%, it is **45.9461, 32.7552, 5.9087**.

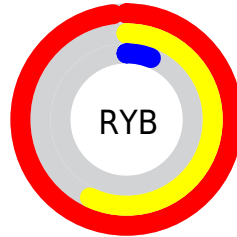
Distribution



Red (98%)

Green (39%)

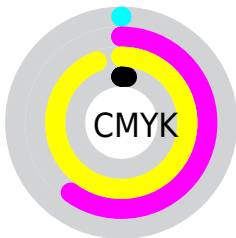
Blue (6%)



Red (98%)

Yellow (57%)

Blue (6%)

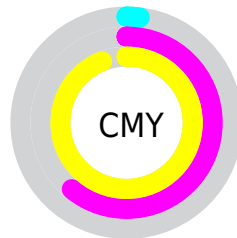


Cyan (0%)

Magenta (60%)

Yellow (94%)

Black (2%)



Cyan (2%)


Magenta (61%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9724, 29.2822, 3.7864 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 43.9724, 29.2822, 3.7864 by changing the saturation by 10% instead.


 43.9724, 29.2822,
3.7864


 43.9724, 29.2822,
3.7864


353.4498,
298.5441, 145.8208


 30.8466, 19.2944,
1.5089


 80.4228, 58.5251,
13.5141

 20.6333, 11.8832,
0.2245


 104.4782, 78.5491,
21.8013

 12.9672, 6.6642,
0.0000


 132.9074,
102.6872, 32.9289

 7.4828, 3.2530,
0.0000

 166.0759,
131.3239, 47.3154

 3.8148, 1.2652,
0.0000

 204.3491,
164.8435, 65.3792


 1.5979, 0.1140,
0.0000

 248.0922,


 0.3911, 0.0000,


203.6305, 87.5391


0.0000


 297.6706,
248.0692, 114.2134


 0.0000, 0.0000,
0.0000


 43.9724, 29.2822,
3.7864


 43.9724, 29.2822,
3.7864


 43.0271, 27.5300,
3.0461

 45.9461, 32.7552,
5.9087

 48.5129, 36.9747,
9.5818

 51.7344, 41.9915,
15.0525

 55.6626, 47.8493,
22.5233

 60.3434, 54.5881,
32.1691

65.8182, 62.2451,
44.1452

72.1253, 70.8548,
58.5930

79.3003, 80.4503,
75.6421

87.3765, 91.0627,
95.4134

Harmonies

Analogous

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



53.6220, 29.2822, 14.3036



43.9724, 29.2822, 3.7864



31.3918, 29.2822, 1.4118

Triad

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



43.9724, 29.2822, 3.7864



11.3475, 29.2822, 23.0617



36.4203, 29.2822, 133.2592

Complementary

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



43.9724, 29.2822, 3.7864



31.0875, 34.2742, 95.4187

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.



24.5517, 29.2822, 142.2403



43.9724, 29.2822, 3.7864



12.0102, 29.2822, 59.9804

Square

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



43.9724, 29.2822, 3.7864



14.0697, 29.2822, 6.4904



16.2209, 29.2822, 109.4384



48.5017, 29.2822, 89.7075

Rectangle

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



43.9724, 29.2822, 3.7864



23.8670, 29.2822, 1.4599



16.2209, 29.2822, 109.4384



32.2131, 29.2822, 141.2144

Sweetspot

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



43.9730, 29.2839, 3.7869



72.6807, 70.3656, 54.8791



46.6396, 23.4835, 38.9990



14.9565, 14.2396, 10.3786



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.



43.9730, 29.2839, 3.7869



44.9945, 28.7689, 3.1815



63.7471, 68.8320, 10.3782



17.7523, 18.2406, 18.0475



22.9463, 14.8492, 1.6568



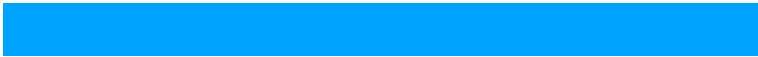
2.2214, 1.5676, 0.1855

Inverse Universe

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



31.0875, 34.2742, 95.4187



31.2975, 33.7150, 99.4658



18.6038, 9.3067, 91.2575



17.2134, 18.5036, 22.0496



16.0199, 17.3953, 50.4868



1.5839, 1.8114, 4.7093

Previews

White Background



This preview shows how the XYZ color 43.9724, 29.2822, 3.7864 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 43.9724, 29.2822, 3.7864 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 43.9724, 29.2822, 3.7864

Background



This preview shows how black text looks on a background with the XYZ color 43.9724, 29.2822, 3.7864.



This preview shows how white text looks on a background with the XYZ color 43.9724, 29.2822,

3.7864.

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

43.9724, 29.2822, 3.7864

Protanopia

26.5501, 29.3805, 5.5000

Deuteranopia

29.6278, 29.1953, 4.0737



Tritanopia

46.1766, 29.2316, 14.7638

Trichromacy



Original Color

43.9724, 29.2822, 3.7864

Protanomaly

31.1841, 27.9058, 4.6625

Deuteranomaly

33.6555, 28.2335, 3.8194

Tritanomaly

44.9193, 29.1110, 8.7203

Monochromacy



Original Color

43.9724, 29.2822, 3.7864

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.9793, 24.0215, 13.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9724, 29.2822, 3.7864 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, 99, 15)` looks like.

```
.text, #text, p{  
    color:rgb(250, 99, 15)  
}
```

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, 99, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 99, 15) }
```

Border

The CSS property to change the border of an element to XYZ 43.9724, 29.2822, 3.7864 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, 99, 15) }
```


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

```
.border{ border-color:rgb(250, 99, 15) }
```

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

Here you see how a box with a 4 pixel rgb(250, 99, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 99, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 99, 15);  
box-shadow:4px 4px 4px 4px rgb(250, 99,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9724, 29.2822, 3.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 99, 15) }
```

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

```
.background{ background-color: rgb(250, 99,  
15) }
```

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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