

Converting Colors

XYZ(43.6593, 29.9580, 4.2537)

Have a look what the booklet for
XYZ(43.6593, 29.9580, 4.2537)
contains.

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Color

**XYZ(43.5542, 29.9352,
4.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	F76916
RGB	247, 105, 22
RGB Percent	97%, 41%, 9%
CMY	0.0314, 0.5882, 0.9137
CMYK	0.00, 0.57, 0.91, 0.03
HSL	22°, 93%, 53%
HSV	22°, 91%, 97%
XYZ	43.5542, 29.9352, 4.2416
YIQ	137.9960, 111.2750, 4.2910

Conversions

Conversions Part 2

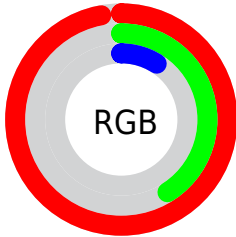
Format	Color
R_{YB}	247, 154, 22
Decimal	16214294
CIE Lab	61.60, 51.00, 65.99
CIE LCh	62, 83.404, 52.300
Yxy	29.9352, 0.5603, 0.3851
Android (android.graphics.Color)	4294404374 (0xFFFF76916)
YUV	137.9960, -57.1860, 95.5965
Hunter-Lab	54.7131, 46.3466, 33.7027

Details

The XYZ color **43.5542, 29.9352, 4.2416** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **30.3939, 33.4351, 92.8468**, and the grayscale version is **24.3389, 25.6064, 27.8853**.

A 20% lighter version of the original color is **55.1860, 46.9517, 13.3617**, and **20.4320, 12.2263, 1.2830** is the 20% darker color. If you saturate the color by 10%, you get **42.1091, 27.2771, 3.0456**, and if you desaturate by 10%, it is **45.6531, 33.5537, 6.7285**.

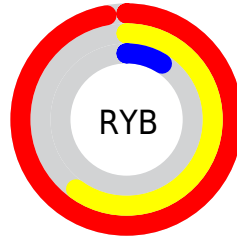
Distribution



Red (97%)

Green (41%)

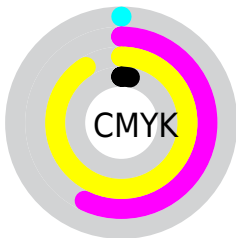
Blue (9%)



Red (97%)

Yellow (60%)

Blue (9%)

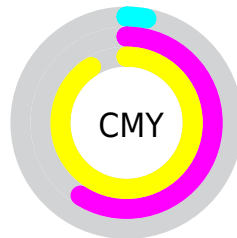


Cyan (0%)

Magenta (57%)

Yellow (91%)

Black (3%)



Cyan (3%)


Magenta (59%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5542, 29.9352, 4.2416 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 43.5542, 29.9352, 4.2416 by changing the saturation by 10% instead.


 43.5542, 29.9352,
4.2416


 43.5542, 29.9352,
4.2416

351.7690,
301.6023, 150.8740

 30.5166, 19.7894,
1.7588


 79.7970, 59.5597,
14.5632

 20.3810, 12.2421,
0.4006


 103.7329, 79.8072,
23.2391


 12.7822, 6.9088,
0.0000


 132.0323,
104.1907, 34.8165

 7.3547, 3.4051,
0.0000

 165.0606,
133.0946, 49.7139

 3.7332, 1.3467,
0.0000

 203.1830,
166.9033, 68.3498


 1.5523, 0.1769,
0.0000

 246.7650,


 0.3610, 0.0000,


206.0012, 91.1427


0.0000


 296.1718,
250.7728, 118.5113


 0.0000, 0.0000,
0.0000


 43.5542, 29.9352,
4.2416


 43.5542, 29.9352,
4.2416


 42.1091, 27.2771,
3.0456

 45.6531, 33.5537,
6.7285

 48.3380, 37.8944,
10.7962

 51.6649, 43.0030,
16.6689

 55.6814, 48.9191,
24.5339

 60.4300, 55.6792,
34.5545

65.9492, 63.3173,
46.8771

72.2747, 71.8651,
61.6349

79.4397, 81.3530,
78.9512

87.4756, 91.8096,
98.9406

Harmonies

Analogous

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



53.0378, 29.9352, 14.5036



43.5542, 29.9352, 4.2416



31.4006, 29.9352, 1.8201

Triad

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



43.5542, 29.9352, 4.2416



12.1427, 29.9352, 25.0904



37.3175, 29.9352, 127.7755

Complementary

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



43.5542, 29.9352, 4.2416



30.3939, 33.4351, 92.8468

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.



25.6950, 29.9352, 138.0056



43.5542, 29.9352, 4.2416



12.9537, 29.9352, 61.6286

Square

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



43.5542, 29.9352, 4.2416



14.7157, 29.9352, 7.7224



17.3204, 29.9352, 108.5270



48.8347, 29.9352, 85.8878

Rectangle

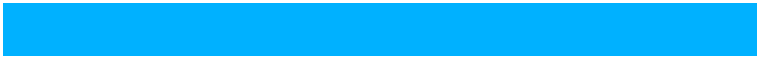
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.5542, 29.9352, 4.2416



24.1547, 29.9352, 1.9471



17.3204, 29.9352, 108.5270



33.2320, 29.9352, 135.7936

Sweetspot

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



43.5549, 29.9369, 4.2421



73.5500, 71.6738, 56.4959



45.3907, 23.0465, 37.4158



15.2621, 14.6878, 10.9833



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.



43.5549, 29.9369, 4.2421



45.2493, 29.2785, 3.2664



63.3152, 69.4577, 10.8289



16.9998, 17.4837, 17.2763



22.3943, 14.6741, 1.6521



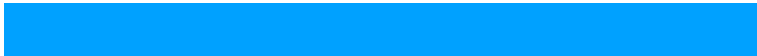
2.0630, 1.4792, 0.1768

Inverse Universe

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



30.3939, 33.4351, 92.8468



30.7820, 32.6840, 99.2940



18.3475, 9.3423, 88.8313



16.4529, 17.6700, 21.0861



15.2958, 16.3854, 48.8945



1.4423, 1.6361, 4.3300

Previews

White Background



This preview shows how the XYZ color 43.5542, 29.9352, 4.2416 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 43.5542, 29.9352, 4.2416 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 43.5542, 29.9352, 4.2416

Background



This preview shows how black text looks on a background with the XYZ color 43.5542, 29.9352, 4.2416.



This preview shows how white text looks on a background with the XYZ color 43.5542, 29.9352,

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

43.5542, 29.9352, 4.2416

Protanopia

27.3435, 30.2530, 5.9116

Deuteranopia

30.4120, 30.0374, 4.1949



Tritanopia

46.2907, 30.0588, 16.4588

Trichromacy



Original Color

43.5542, 29.9352, 4.2416

Protanomaly

31.7854, 29.0142, 5.1533

Deuteranomaly

34.1886, 29.2734, 4.0781

Tritanomaly

44.9566, 29.9415, 9.8884

Monochromacy



Original Color

43.5542, 29.9352, 4.2416

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.9323, 25.2312, 14.4643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5542, 29.9352, 4.2416 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(247, 105, 22)` looks like.

```
.text, #text, p{  
    color:rgb(247, 105, 22)  
}
```

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(247, 105, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 105, 22) }
```

Border

The CSS property to change the border of an element to XYZ 43.5542, 29.9352, 4.2416 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(247, 105, 22) }
```


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

```
.border{ border-color:rgb(247, 105, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 105, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 105, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 105, 22);  
box-shadow:4px 4px 4px 4px rgb(247, 105,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5542, 29.9352, 4.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 105, 22) }
```

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

```
.background{ background-color: rgb(247,  
105, 22) }
```

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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