

Converting Colors

XYZ(35.4349, 24.8825, 4.8885)

Have a look what the booklet for
XYZ(35.4349, 24.8825, 4.8885)
contains.

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Color

**XYZ(35.2595, 24.7581,
4.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6327
RGB	223, 99, 39
RGB Percent	87%, 39%, 15%
CMY	0.1255, 0.6117, 0.8470
CMYK	0.00, 0.56, 0.83, 0.13
HSL	20°, 74%, 51%
HSV	20°, 83%, 87%
XYZ	35.2595, 24.7581, 4.8399
YIQ	129.2360, 93.1640, 7.6280

Conversions

Conversions Part 2

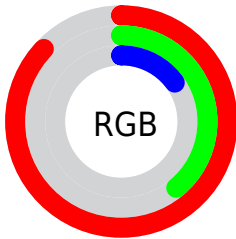
Format	Color
RYB	223, 128, 39
Decimal	14639911
CIELab	56.84, 45.30, 54.74
CIElCh	57, 71.054, 50.386
Yxy	24.7581, 0.5436, 0.3817
Android (android.graphics.Color)	4292829991 (0xFFDF6327)
YUV	129.2360, -44.4863, 82.2310
Hunter-Lab	49.7575, 39.4142, 29.0631

Details

The XYZ color **35.2595, 24.7581, 4.8399** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **27.2522, 31.9514, 74.5425**, and the grayscale version is **21.0783, 22.1760, 24.1496**.

A 20% lighter version of the original color is **54.4344, 44.7637, 15.2225**, and **15.4742, 9.4276, 1.0041** is the 20% darker color. If you saturate the color by 10%, you get **33.6989, 22.0650, 3.0010**, and if you desaturate by 10%, it is **37.3030, 28.0706, 7.9098**.

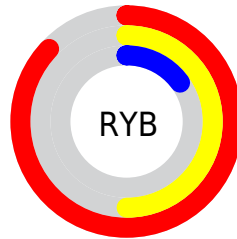
Distribution



Red (87%)

Green (39%)

Blue (15%)



Red (87%)

Yellow (50%)

Blue (15%)

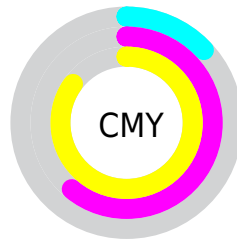


Cyan (0%)

Magenta (56%)

Yellow (83%)

Black (13%)



Cyan (13%)


Magenta (61%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2595, 24.7581, 4.8399 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 35.2595, 24.7581, 4.8399 by changing the saturation by 10% instead.


 35.2595, 24.7581,
4.8399


 35.2595, 24.7581,
4.8399


317.2003,
276.6311, 157.1477


 24.0303, 15.8969,
2.0965


 67.2190, 51.2645,
15.9047


 15.4809, 9.4512,
0.6137


 88.6799, 69.6786,
25.0632

 9.2461, 5.0367,
0.0000


 114.2822, 92.0457,
37.1971

 4.9605, 2.2688,
0.0000

 144.3911,
118.7502, 52.7251

 2.2586, 0.7571,
0.0000

 179.3720,
150.1767, 72.0656

 0.7734, 0.0000,
0.0000

 219.5902,

 0.0000, 0.0000,

186.7094, 95.6371

0.0000

265.4112,
228.7327, 123.8583

■ 35.2595, 24.7581,
4.8399

■ 35.2595, 24.7581,
4.8399

■ 33.6989, 22.0650,
3.0010

■ 37.3030, 28.0706,
7.9098


■ 32.7957, 20.4169,
2.2123

■ 39.8744, 32.0387,
12.3885


■ 43.0146, 36.7002,
18.4258

■ 46.7592, 42.0884,
26.1513

■ 51.1409, 48.2342,
35.6813

 56.1896, 55.1668,
47.1215

 61.9335, 62.9135,
60.5695

 68.3989, 71.5003,
76.1160

 75.6106, 80.9523,
93.8463

Harmonies

Analogous

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



41.9097, 24.7581, 13.9533



35.2595, 24.7581, 4.8399



26.3022, 24.7581, 2.3303

Triad

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



35.2595, 24.7581, 4.8399



11.0329, 24.7581, 20.0151



29.5476, 24.7581, 96.6162

Complementary

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



35.2595, 24.7581, 4.8399



27.2522, 31.9514, 74.5425

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.



20.9632, 24.7581, 101.9173



35.2595, 24.7581, 4.8399



11.5081, 24.7581, 46.2443

Square

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



35.2595, 24.7581, 4.8399



13.2450, 24.7581, 7.0418



14.7441, 24.7581, 79.8021



38.1103, 24.7581, 67.9225

Rectangle

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



35.2595, 24.7581, 4.8399



20.7674, 24.7581, 2.3513



14.7441, 24.7581, 79.8021



26.5313, 24.7581, 101.6575

Sweetspot

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



35.2600, 24.7595, 4.8403



74.2250, 72.1396, 59.4468



37.9242, 19.8460, 37.3022



15.3650, 14.7246, 11.5386



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.



35.2600, 24.7595, 4.8403



44.4930, 27.7435, 3.0832



49.0525, 52.3444, 9.4378



14.0704, 14.4269, 14.3498



19.3752, 12.1883, 1.3314



1.4226, 1.0041, 0.1188

Inverse Universe

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



27.2522, 31.9514, 74.5425



32.9625, 36.9976, 100.0117



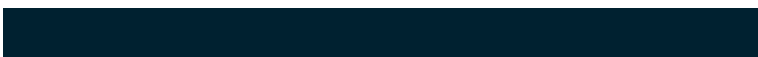
16.5212, 10.4894, 70.9655



13.7202, 14.7794, 17.5173



14.3772, 16.2239, 43.4221



1.0770, 1.2855, 3.0366

Previews

White Background



This preview shows how the XYZ color 35.2595, 24.7581, 4.8399 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 35.2595, 24.7581, 4.8399 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 35.2595, 24.7581, 4.8399

Background



This preview shows how black text looks on a background with the XYZ color 35.2595, 24.7581, 4.8399.



This preview shows how white text looks on a background with the XYZ color 35.2595, 24.7581,

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

35.2595, 24.7581, 4.8399

Protanopia

22.6369, 24.8854, 6.5160

Deuteranopia

25.4027, 24.9241, 4.4492



Tritanopia

37.2178, 24.7371, 14.6175

Trichromacy



Original Color

35.2595, 24.7581, 4.8399

Protanomaly

25.9167, 23.8204, 5.7145

Deuteranomaly

28.3300, 24.3689, 4.5068

Tritanomaly

36.1722, 24.5675, 9.8567

Monochromacy



Original Color

35.2595, 24.7581, 4.8399

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.6940, 21.5879, 13.9844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2595, 24.7581, 4.8399 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(223, 99, 39)` looks like.

```
.text, #text, p{  
    color:rgb(223, 99, 39)  
}
```

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(223, 99, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 99, 39) }
```

Border

The CSS property to change the border of an element to XYZ 35.2595, 24.7581, 4.8399 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(223, 99, 39) }
```


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

```
.border{ border-color:rgb(223, 99, 39) }
```

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

Here you see how a box with a 4 pixel rgb(223, 99, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 99, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 99, 39);  
box-shadow:4px 4px 4px 4px rgb(223, 99,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2595, 24.7581, 4.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 99, 39) }
```

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

```
.background{ background-color: rgb(223, 99,  
39) }
```

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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