

Converting Colors

XYZ(39.4069, 28.0940, 4.5077)

Have a look what the booklet for
XYZ(39.4069, 28.0940, 4.5077)
contains.

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Color

**XYZ(39.4112, 28.0965,
4.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	EA6B1D
RGB	234, 107, 29
RGB Percent	92%, 42%, 11%
CMY	0.0824, 0.5804, 0.8863
CMYK	0.00, 0.54, 0.88, 0.08
HSL	23°, 83%, 52%
HSV	23°, 88%, 92%
XYZ	39.4112, 28.0965, 4.5084
YIQ	136.0810, 100.7300, 2.6660

Conversions

Conversions Part 2

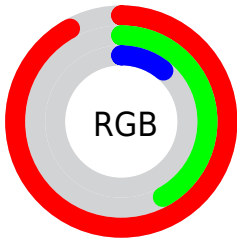
Format	Color
R_{YB}	234, 155, 29
Decimal	15362845
CIE Lab	59.98, 45.36, 61.80
CIE LCh	60, 76.664, 53.720
Yxy	28.0965, 0.5473, 0.3901
Android (android.graphics.Color)	4293552925 (0xFFEA6B1D)
YUV	136.0810, -52.7909, 85.8750
Hunter-Lab	53.0061, 39.9579, 32.0614

Details

The XYZ color **39.4112, 28.0965, 4.5084** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **27.2457, 29.9771, 82.1916**, and the grayscale version is **23.5984, 24.8273, 27.0370**.

A 20% lighter version of the original color is **55.5462, 47.3743, 14.4002**, and **18.1138, 11.2963, 1.2257** is the 20% darker color. If you saturate the color by 10%, you get **37.8338, 25.2479, 3.0402**, and if you desaturate by 10%, it is **41.4592, 31.5414, 7.1996**.

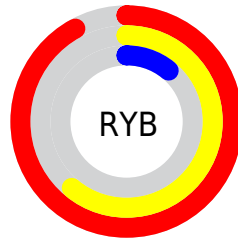
Distribution



Red (92%)

Green (42%)

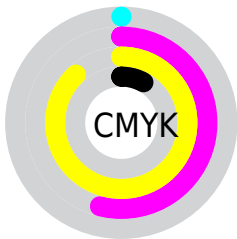
Blue (11%)



Red (92%)

Yellow (61%)

Blue (11%)

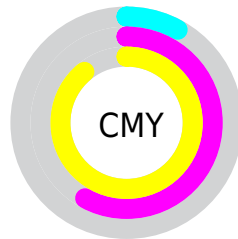


Cyan (0%)

Magenta (54%)

Yellow (88%)

Black (8%)



Cyan (8%)


Magenta (58%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4112, 28.0965, 4.5084 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 39.4112, 28.0965, 4.5084 by changing the saturation by 10% instead.


 39.4112, 28.0965,
4.5084


 39.4112, 28.0965,
4.5084


334.8127,
292.9277, 153.7189


 27.2619, 18.3984,
1.9082


 73.5561, 56.6385,
15.1663


 17.9076, 11.2364,
0.4979


 96.2825, 76.2511,
24.0610


 10.9830, 6.2261,
0.0000


 123.2653, 99.9375,
35.8910

 6.1226, 2.9830,
0.0000

 154.8698,
128.0819, 51.0748

 2.9611, 1.1229,
0.0000

 191.4615,
161.0687, 70.0310

 1.1332, 0.0000,
0.0000

 233.4056,

 0.0527, 0.0000,

199.2823, 93.1780

0.0000

281.0676,
243.1072, 120.9345

0.0000, 0.0000,
0.0000

39.4112, 28.0965,
4.5084

39.4112, 28.0965,
4.5084

37.8338, 25.2479,
3.0402

41.4592, 31.5414,
7.1996

37.5072, 24.6438,
2.7799

44.0333, 35.6196,
11.3562

47.1789, 40.3682,
17.1607

50.9354, 45.8196,
24.7685

55.3380, 52.0036,
34.3166

60.4189, 58.9481,
45.9286

66.2080, 66.6795,
59.7179

72.7334, 75.2227,
75.7895

80.0214, 84.6014,
94.2414

Harmonies

Analogous

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



47.8186, 28.0965, 13.6731



39.4112, 28.0965, 4.5084



28.8095, 28.0965, 2.2384

Triad

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



39.4112, 28.0965, 4.5084



12.0640, 28.0965, 25.0848



34.9821, 28.0965, 110.8227

Complementary

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



39.4112, 28.0965, 4.5084



27.2457, 29.9771, 82.1916

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.



24.7054, 28.0965, 121.0655



39.4112, 28.0965, 4.5084



12.9514, 28.0965, 57.6852

Square

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



39.4112, 28.0965, 4.5084



14.2596, 28.0965, 8.5451



17.0733, 28.0965, 97.5334



44.8566, 28.0965, 74.6539

Rectangle

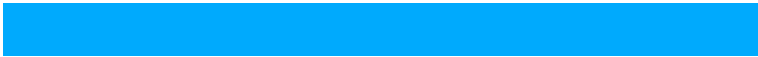
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.4112, 28.0965, 4.5084



22.4991, 28.0965, 2.4569



17.0733, 28.0965, 97.5334



31.4046, 28.0965, 118.0627

Sweetspot

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



39.4118, 28.0981, 4.5089



74.4212, 72.9779, 58.1373



40.6146, 20.8687, 34.6130



15.4392, 14.9581, 11.3006



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.



39.4118, 28.0981, 4.5089



45.5176, 29.8152, 3.3559



56.3854, 62.0453, 10.1667



15.5352, 15.9935, 15.7870



21.1893, 14.0728, 1.5995



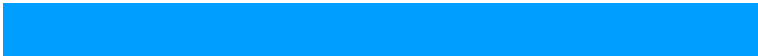
1.7541, 1.2856, 0.1557

Inverse Universe

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



27.2457, 29.9771, 82.1916



30.2715, 31.6629, 99.1238



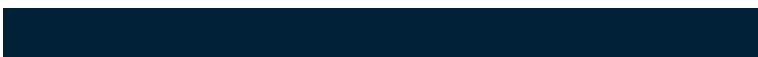
16.7885, 9.0628, 78.7059



15.0083, 16.1031, 19.2394



14.1572, 14.9614, 45.8846



1.2040, 1.3595, 3.6338

Previews

White Background



This preview shows how the XYZ color 39.4112, 28.0965, 4.5084 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 39.4112, 28.0965, 4.5084 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 39.4112, 28.0965, 4.5084

Background



This preview shows how black text looks on a background with the XYZ color 39.4112, 28.0965, 4.5084.



This preview shows how white text looks on a background with the XYZ color 39.4112, 28.0965,

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

39.4112, 28.0965, 4.5084

Protanopia

25.5959, 28.1838, 6.0104

Deuteranopia

28.4741, 27.9586, 3.8958



Tritanopia

42.0837, 28.1595, 16.8529

Trichromacy



Original Color

39.4112, 28.0965, 4.5084

Protanomaly

29.4059, 27.1728, 5.2851

Deuteranomaly

31.8784, 27.5024, 3.9449

Tritanomaly

40.8175, 28.0834, 10.4771

Monochromacy



Original Color

39.4112, 28.0965, 4.5084

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.5045, 24.3010, 14.6029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4112, 28.0965, 4.5084 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(234, 107, 29)` looks like.

```
.text, #text, p{  
    color:rgb(234, 107, 29)  
}
```

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(234, 107, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 107, 29) }
```

Border

The CSS property to change the border of an element to XYZ 39.4112, 28.0965, 4.5084 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(234, 107, 29) }
```


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

```
.border{ border-color:rgb(234, 107, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 107, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 107, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 107, 29);  
box-shadow:4px 4px 4px 4px rgb(234, 107,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4112, 28.0965, 4.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 107, 29) }
```

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

```
.background{ background-color: rgb(234,  
107, 29) }
```

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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