

Converting Colors

XYZ(39.2916, 28.9646, 4.3339)

Have a look what the booklet for
XYZ(39.2916, 28.9646, 4.3339)
contains.

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Color

**XYZ(39.3385, 29.0279,
4.3402)**

Conversions

Conversions Part 1

Format	Color
Hex	E87117
RGB	232, 113, 23
RGB Percent	91%, 44%, 9%
CMY	0.0902, 0.5568, 0.9098
CMYK	0.00, 0.51, 0.90, 0.09
HSL	26°, 82%, 50%
HSV	26°, 90%, 91%
XYZ	39.3385, 29.0279, 4.3402
YIQ	138.3210, 99.8140, -2.7620

Conversions

Conversions Part 2

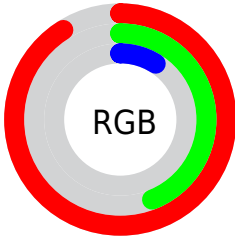
Format	Color
RYB	232, 181, 23
Decimal	15233303
CIELab	60.81, 41.56, 64.10
CIElCh	61, 76.396, 57.047
Yxy	29.0279, 0.5411, 0.3992
Android (android.graphics.Color)	4293423383 (0xFFE87117)
YUV	138.3210, -56.8533, 82.1565
Hunter-Lab	53.8775, 36.0454, 32.9381

Details

The XYZ color **39.3385, 29.0279, 4.3402** 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 **24.5912, 25.3532, 79.9409**, and the grayscale version is **24.4652, 25.7393, 28.0301**.

A 20% lighter version of the original color is **56.4700, 49.4619, 13.9680**, and **18.0309, 11.7725, 1.3220** is the 20% darker color. If you saturate the color by 10%, you get **37.8270, 26.2528, 3.0736**, and if you desaturate by 10%, it is **41.2642, 32.3317, 6.6717**.

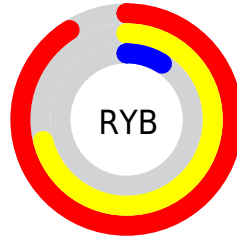
Distribution



Red (91%)

Green (44%)

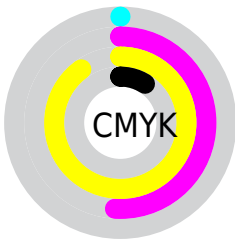
Blue (9%)



Red (91%)

Yellow (71%)

Blue (9%)

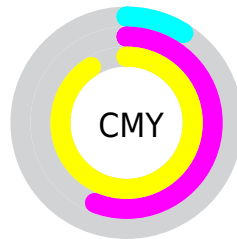


Cyan (0%)

Magenta (51%)

Yellow (90%)

Black (9%)



Cyan (9%)


Magenta (56%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3385, 29.0279, 4.3402 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 39.3385, 29.0279, 4.3402 by changing the saturation by 10% instead.


 39.3385, 29.0279,
4.3402

 39.3385, 29.0279,
4.3402


334.5099,
297.3466, 151.9348


 27.2051, 19.1019,
1.8138


 73.4459, 58.1214,
14.7871

 17.8647, 11.7440,
0.4370


 96.1506, 78.0577,
23.5446


 10.9520, 6.5696,
0.0000


 123.1098,
102.0996, 35.2162

 6.1016, 3.1944,
0.0000

 154.6887,
130.6315, 50.2205

 2.9482, 1.2341,
0.0000

 191.2529,
164.0377, 68.9759


 1.1264, 0.0893,
0.0000

 233.1676,


 0.0471, 0.0000,


202.7027, 91.9011


0.0000


 280.7981,
247.0109, 119.4145


 0.0000, 0.0000,
0.0000


 39.3385, 29.0279,
4.3402


 39.3385, 29.0279,
4.3402


 37.8270, 26.2528,
3.0736

 41.2642, 32.3317,
6.6717

 43.6596, 36.1791,
10.3784

 46.5682, 40.6019,
15.6468

 50.0272, 45.6276,
22.6336

 54.0695, 51.2810,
31.4761

■ 58.7252, 57.5856,
42.2975

■ 64.0221, 64.5634,
55.2104

■ 69.9859, 72.2352,
70.3188

■ 76.6411, 80.6209,
87.7198

Harmonies

Analogous

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



48.3372, 29.0279, 12.6873



39.3385, 29.0279, 4.3402



28.5860, 29.0279, 2.4069

Triad

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



39.3385, 29.0279, 4.3402



12.5736, 29.0279, 28.8710



37.2185, 29.0279, 109.6450

Complementary

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



39.3385, 29.0279, 4.3402



24.5912, 25.3532, 79.9409

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.



26.6177, 29.0279, 123.7529



39.3385, 29.0279, 4.3402



13.8356, 29.0279, 63.5755

Square

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



39.3385, 29.0279, 4.3402



14.4661, 29.0279, 10.2120



18.4501, 29.0279, 103.3123



46.9210, 29.0279, 71.6758

Rectangle

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



39.3385, 29.0279, 4.3402



22.3612, 29.0279, 2.8504



18.4501, 29.0279, 103.3123



33.5767, 29.0279, 118.0532

Sweetspot

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



39.3391, 29.0295, 4.3407



74.6236, 73.8209, 56.8538



38.6895, 19.8104, 28.5396



15.5127, 15.1889, 11.0668



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.



39.3391, 29.0295, 4.3407



46.7960, 32.3720, 3.7820



57.6276, 65.6063, 10.4368



14.8849, 15.3836, 15.0893



21.1199, 14.8139, 1.7462



1.6514, 1.2762, 0.1593

Inverse Universe

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



24.5912, 25.3532, 79.9409



28.2037, 27.5273, 98.4346



15.6919, 7.5545, 76.9745



14.2605, 15.2425, 18.3348



12.8012, 12.6645, 44.1530



1.0378, 1.1196, 3.2934

Previews

White Background



This preview shows how the XYZ color 39.3385, 29.0279, 4.3402 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 39.3385, 29.0279, 4.3402 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 39.3385, 29.0279, 4.3402

Background



This preview shows how black text looks on a background with the XYZ color 39.3385, 29.0279, 4.3402.



This preview shows how white text looks on a background with the XYZ color 39.3385, 29.0279,

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

39.3385, 29.0279, 4.3402

Protanopia

26.5765, 29.3911, 5.6388

Deuteranopia

29.6278, 29.1953, 4.0737



Tritanopia

42.2372, 28.9352, 18.6881

Trichromacy



Original Color

39.3385, 29.0279, 4.3402

Protanomaly

30.1209, 28.3638, 5.0496

Deuteranomaly

32.6551, 28.6793, 4.0443

Tritanomaly

40.7422, 28.7967, 11.0004

Monochromacy



Original Color

39.3385, 29.0279, 4.3402

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.9748, 25.3157, 14.5310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3385, 29.0279, 4.3402 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(232, 113, 23)` looks like.

```
.text, #text, p{  
  color:rgb(232, 113, 23)  
}
```

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(232, 113, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 113, 23) }
```

Border

The CSS property to change the border of an element to XYZ 39.3385, 29.0279, 4.3402 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(232, 113, 23) }
```


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

```
.border{ border-color:rgb(232, 113, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 113, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 113, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 113, 23);  
box-shadow:4px 4px 4px 4px rgb(232, 113,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3385, 29.0279, 4.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 113, 23) }
```

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

```
.background{ background-color: rgb(232,  
113, 23) }
```

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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