

Converting Colors

XYZ(39.3385, 29.1700, 5.4765)

Have a look what the booklet for
XYZ(39.3385, 29.1700, 5.4765)
contains.

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Color

**XYZ(39.3385, 29.1700,
5.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	E77227
RGB	231, 114, 39
RGB Percent	91%, 45%, 15%
CMY	0.0941, 0.5529, 0.8470
CMYK	0.00, 0.51, 0.83, 0.09
HSL	23°, 80%, 53%
HSV	23°, 83%, 91%
XYZ	39.3385, 29.1700, 5.4765
YIQ	140.4330, 93.8070, 1.4790

Conversions

Conversions Part 2

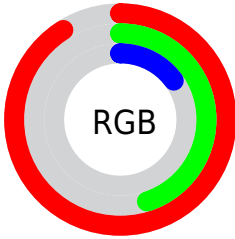
Format	Color
R_{YB}	231, 162, 39
Decimal	15168039
CIE _{Lab}	60.93, 41.02, 58.81
CIE _{LCh}	61, 71.704, 55.108
Yxy	29.1700, 0.5317, 0.3943
Android (android.graphics.Color)	4293358119 (0xFFE77227)
YUV	140.4330, -50.0065, 79.4273
Hunter-Lab	54.0093, 35.4971, 31.7945

Details

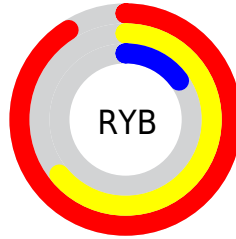
The XYZ color **39.3385, 29.1700, 5.4765** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **27.1481, 29.9761, 79.9558**, and the grayscale version is **25.2601, 26.5756, 28.9408**.

A 20% lighter version of the original color is **57.1310, 50.0206, 16.5413**, and **17.9260, 11.8798, 1.3482** is the 20% darker color. If you saturate the color by 10%, you get **37.5982, 26.1271, 3.5478**, and if you desaturate by 10%, it is **41.5571, 32.7978, 8.7126**.

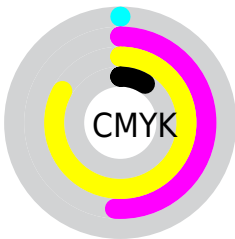
Distribution



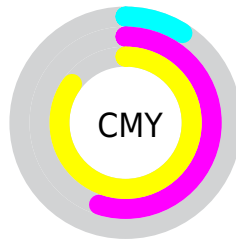
- Red (91%)
- Green (45%)
- Blue (15%)



- Red (91%)
- Yellow (64%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3385, 29.1700, 5.4765 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, 29.1700, 5.4765 by changing the saturation by 10% instead.


 39.3385, 29.1700,
5.4765


 39.3385, 29.1700,
5.4765


334.5099,
298.0162, 163.4441


 27.2051, 19.2095,
2.4659


 73.4459, 58.3471,
17.2928


 17.8647, 11.8217,
0.8220


 96.1506, 78.3324,
26.9355


 10.9520, 6.6224,
0.0000


 123.1098,
102.4281, 39.6260

 6.1016, 3.2271,
0.0000

 154.6887,
131.0186, 55.7828

 2.9482, 1.2514,
0.0000

 191.2529,
164.4883, 75.8245

 1.1264, 0.1031,
0.0000

 233.1676,

 0.0471, 0.0000,

203.2215, 100.1695

0.0000

280.7981,
247.6027, 129.2366

■ 0.0000, 0.0000,
0.0000

■ 39.3385, 29.1700,
5.4765

■ 39.3385, 29.1700,
5.4765

■ 37.5982, 26.1271,
3.5478

■ 41.5571, 32.7978,
8.7126

■ 36.6313, 24.3419,
2.7678

■ 44.2992, 37.0413,
13.4515

■ 47.6056, 41.9338,
19.8569

■ 51.5119, 47.5045,
28.0704

■ 56.0503, 53.7804,
38.2183

■ 61.2507, 60.7870,
50.4154

■ 67.1406, 68.5483,
64.7675

■ 73.7461, 77.0871,
81.3730

■ 81.0917, 86.4252,
100.3244

Harmonies

Analogous

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



47.4083, 29.1700, 14.5346



39.3385, 29.1700, 5.4765



29.2874, 29.1700, 3.1194

Triad

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



39.3385, 29.1700, 5.4765



13.3887, 29.1700, 27.5681



36.0787, 29.1700, 104.9603

Complementary

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



39.3385, 29.1700, 5.4765



27.1481, 29.9761, 79.9558

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.



26.2196, 29.1700, 115.6887



39.3385, 29.1700, 5.4765



14.4199, 29.1700, 59.0151

Square

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



39.3385, 29.1700, 5.4765



15.4347, 29.1700, 10.4687



18.6571, 29.1700, 95.5137



45.2488, 29.1700, 71.2766

Rectangle

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



39.3385, 29.1700, 5.4765



23.2966, 29.1700, 3.4709



18.6571, 29.1700, 95.5137



32.6822, 29.1700, 111.9588

Sweetspot

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



39.3391, 29.1716, 5.4770



75.2669, 74.2234, 59.7941



39.8004, 20.8881, 34.0120



15.6105, 15.2154, 11.6204



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, 29.1716, 5.4770



45.7605, 30.3011, 3.4368



56.0233, 62.5400, 11.0384



14.8365, 15.2868, 15.0731



20.6485, 13.8711, 1.5891



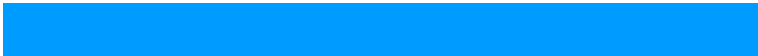
1.6140, 1.2014, 0.1468

Inverse Universe

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



27.1481, 29.9761, 79.9558



29.8352, 30.7903, 98.9784



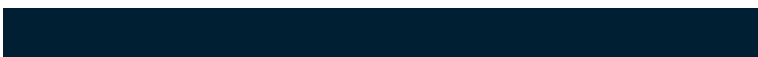
16.9508, 9.5815, 76.5567



14.3101, 15.3415, 18.3513



13.5301, 14.1223, 44.3959



1.0895, 1.2230, 3.3106

Previews

White Background



This preview shows how the XYZ color 39.3385, 29.1700, 5.4765 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, 29.1700, 5.4765 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, 29.1700, 5.4765

Background



This preview shows how black text looks on a background with the XYZ color 39.3385, 29.1700, 5.4765.



This preview shows how white text looks on a background with the XYZ color 39.3385, 29.1700,

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, 29.1700, 5.4765

Protanopia

26.6405, 29.3925, 7.0655

Deuteranopia

29.8256, 29.2744, 5.1155



Tritanopia

42.2266, 29.2227, 19.3345

Trichromacy



Original Color

39.3385, 29.1700, 5.4765

Protanomaly

30.2641, 28.6166, 6.4111

Deuteranomaly

32.7207, 28.8881, 5.1477

Tritanomaly

40.9005, 29.1636, 12.4903

Monochromacy



Original Color

39.3385, 29.1700, 5.4765

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.7981, 26.0961, 16.4039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3385, 29.1700, 5.4765 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(231, 114, 39)` looks like.

```
.text, #text, p{  
    color:rgb(231, 114, 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(231, 114, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 114, 39) }
```

Border

The CSS property to change the border of an element to XYZ 39.3385, 29.1700, 5.4765 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(231, 114, 39) }
```


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

```
.border{ border-color:rgb(231, 114, 39) }
```

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

Here you see how a box with a 4 pixel rgb(231, 114, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 114, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 114, 39);  
box-shadow:4px 4px 4px 4px rgb(231, 114,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3385, 29.1700, 5.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 114, 39) }
```

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

```
.background{ background-color: rgb(231,  
114, 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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