

Converting Colors

XYZ(39.0574, 29.5338, 5.6495)

Have a look what the booklet for
XYZ(39.0574, 29.5338, 5.6495)
contains.

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Color

**XYZ(39.0574, 29.5338,
5.6495)**

Conversions

Conversions Part 1

Format	Color
Hex	E57528
RGB	229, 117, 40
RGB Percent	90%, 46%, 16%
CMY	0.1020, 0.5411, 0.8431
CMYK	0.00, 0.49, 0.83, 0.10
HSL	24°, 78%, 53%
HSV	24°, 83%, 90%
XYZ	39.0574, 29.5338, 5.6495
YIQ	141.7100, 91.4690, -0.2030

Conversions

Conversions Part 2

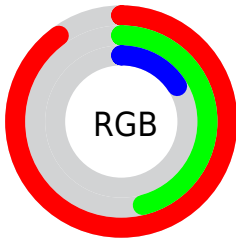
Format	Color
R _Y B	229, 170, 40
Decimal	15037736
CIE Lab	61.25, 38.75, 58.59
CIE LCh	61, 70.250, 56.519
Yxy	29.5338, 0.5261, 0.3978
Android (android.graphics.Color)	4293227816 (0xFFE57528)
YUV	141.7100, -50.1430, 76.5533
Hunter-Lab	54.3450, 33.1830, 31.8779

Details

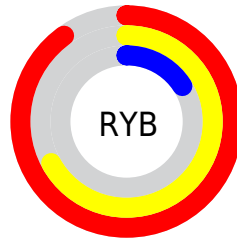
The XYZ color **39.0574, 29.5338, 5.6495** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **26.2452, 28.5629, 78.2581**, and the grayscale version is **25.7640, 27.1057, 29.5181**.

A 20% lighter version of the original color is **57.7347, 51.1585, 16.9568**, and **17.8846, 12.1119, 1.3952** is the 20% darker color. If you saturate the color by 10%, you get **37.3088, 26.4865, 3.6805**, and if you desaturate by 10%, it is **41.2669, 33.1349, 8.9090**.

Distribution



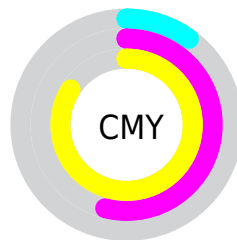
- Red (90%)
- Green (46%)
- Blue (16%)



- Red (90%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (49%)
- Yellow (83%)
- Black (10%)





- Cyan (10%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0574, 29.5338, 5.6495 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 39.0574, 29.5338, 5.6495 by changing the saturation by 10% instead.


 39.0574, 29.5338,
5.6495


 39.0574, 29.5338,
5.6495


333.3374,
299.7253, 165.0969


 26.9853, 19.4850,
2.5678


 73.0195, 58.9241,
17.6639


 17.6987, 12.0212,
0.8758


 95.6402, 79.0344,
27.4337

 10.8323, 6.7582,
0.0000


 122.5079,
103.2674, 40.2699

 6.0206, 3.3113,
0.0000

 153.9878,
132.0073, 56.5912

 2.8984, 1.2963,
0.0000

 190.4454,
165.6387, 76.8159

 1.1003, 0.1384,
0.0000

 232.2459,

 0.0253, 0.0000,

204.5459, 101.3628

0.0000

279.7548,
249.1133, 130.6503

■ 0.0000, 0.0000,
0.0000

■ 39.0574, 29.5338,
5.6495

■ 39.0574, 29.5338,
5.6495

■ 37.3088, 26.4865,
3.6805

■ 41.2669, 33.1349,
8.9090

■ 36.2539, 24.5400,
2.8259

■ 43.9801, 37.3175,
13.6474

■ 47.2357, 42.1126,
20.0230

■ 51.0675, 47.5468,
28.1732

■ 55.5062, 53.6451,
38.2206

60.5801, 60.4309,
50.2767

66.3156, 67.9263,
64.4446

72.7373, 76.1523,
80.8200

79.8686, 85.1292,
99.4927

Harmonies

Analogous

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



47.1588, 29.5338, 14.3683



39.0574, 29.5338, 5.6495



29.1636, 29.5338, 3.4144

Triad

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



39.0574, 29.5338, 5.6495



13.8091, 29.5338, 29.1658



36.7748, 29.5338, 102.5558

Complementary

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



39.0574, 29.5338, 5.6495



26.2452, 28.5629, 78.2581

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.



27.0060, 29.5338, 114.3794



39.0574, 29.5338, 5.6495



14.9855, 29.5338, 60.6474

Square

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



39.0574, 29.5338, 5.6495



15.7067, 29.5338, 11.4623



19.3661, 29.5338, 96.0068



45.6508, 29.5338, 69.1876

Rectangle

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



39.0574, 29.5338, 5.6495



23.3161, 29.5338, 3.8843



19.3661, 29.5338, 96.0068



33.4320, 29.5338, 109.7677

Sweetspot

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



39.0581, 29.5354, 5.6500



75.5422, 74.7740, 59.8859



38.8547, 20.4888, 32.2176



15.6755, 15.3455, 11.6421



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.



39.0581, 29.5354, 5.6500



46.3472, 31.4521, 3.7013



55.7671, 62.9535, 11.2197



14.8567, 15.3274, 15.0799



20.8398, 14.2537, 1.6529



1.6294, 1.2321, 0.1519

Inverse Universe

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



26.2452, 28.5629, 78.2581



29.3332, 29.7389, 98.8019



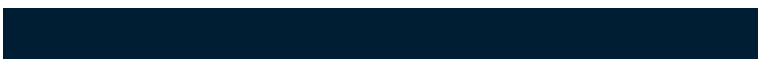
16.5769, 9.2261, 75.0353



14.2892, 15.2999, 18.3444



13.2167, 13.4956, 44.2915



1.0674, 1.1788, 3.3032

Previews

White Background



This preview shows how the XYZ color 39.0574, 29.5338, 5.6495 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 39.0574, 29.5338, 5.6495 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 39.0574, 29.5338, 5.6495

Background



This preview shows how black text looks on a background with the XYZ color 39.0574, 29.5338, 5.6495.



This preview shows how white text looks on a background with the XYZ color 39.0574, 29.5338,

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

39.0574, 29.5338, 5.6495

Protanopia

27.0068, 29.8153, 7.1278

Deuteranopia

30.2527, 29.7083, 5.3681



Tritanopia

41.9582, 29.3774, 20.2886

Trichromacy



Original Color

39.0574, 29.5338, 5.6495

Protanomaly

30.4056, 28.8996, 6.4583

Deuteranomaly

32.8971, 29.1746, 5.4108

Tritanomaly

40.5523, 29.2985, 12.9690

Monochromacy



Original Color

39.0574, 29.5338, 5.6495

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.3929, 26.7936, 17.0398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0574, 29.5338, 5.6495 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(229, 117, 40)` looks like.

```
.text, #text, p{  
    color:rgb(229, 117, 40)  
}
```

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(229, 117, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 117, 40) }
```

Border

The CSS property to change the border of an element to XYZ 39.0574, 29.5338, 5.6495 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(229, 117, 40) }
```


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

```
.border{ border-color:rgb(229, 117, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 117, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 117, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 117, 40);  
box-shadow:4px 4px 4px 4px rgb(229, 117,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0574, 29.5338, 5.6495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 117, 40) }
```

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

```
.background{ background-color: rgb(229,  
117, 40) }
```

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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