

Converting Colors

XYZ(39.2068, 29.6022, 7.5701)

Have a look what the booklet for
XYZ(39.2068, 29.6022, 7.5701)
contains.

XYZ(39.0947, 29.5120, 7.5068) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(39.0947, 29.5120,
7.5068)**

Conversions

Conversions Part 1	
Format	Color
Hex	E47539
RGB	228, 117, 57
RGB Percent	89%, 46%, 22%
CMY	0.1059, 0.5411, 0.7765
CMYK	0.00, 0.49, 0.75, 0.11
HSL	21°, 76%, 56%
HSV	21°, 75%, 89%
XYZ	39.0947, 29.5120, 7.5068
YIQ	143.3490, 85.4160, 4.8720

Conversions

Conversions Part 2

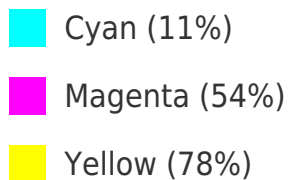
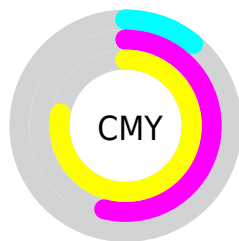
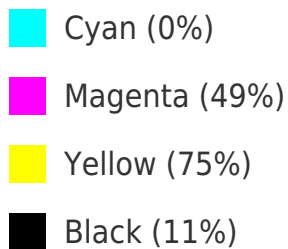
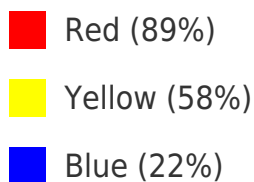
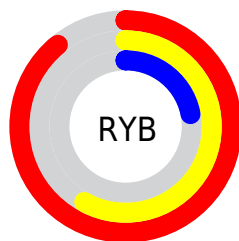
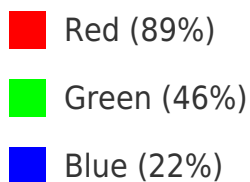
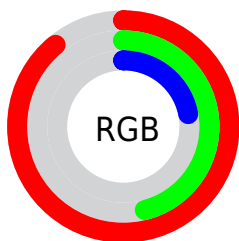
Format	Color
RYB	228, 149, 57
Decimal	14972217
CIELab	61.23, 38.95, 51.15
CIELCh	61, 64.293, 52.707
Yxy	29.5120, 0.5136, 0.3877
Android (android.graphics.Color)	4293162297 (0xFFE47539)
YUV	143.3490, -42.5701, 74.2389
Hunter-Lab	54.3249, 33.3880, 29.8346

Details

The XYZ color **39.0947, 29.5120, 7.5068** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **29.6924, 34.4743, 78.4874**, and the grayscale version is **26.3900, 27.7644, 30.2354**.

A 20% lighter version of the original color is **58.4568, 51.4474, 20.7592**, and **17.6905, 12.0100, 1.4719** is the 20% darker color. If you saturate the color by 10%, you get **37.0582, 26.1543, 4.6238**, and if you desaturate by 10%, it is **41.6604, 33.5202, 11.8254**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0947, 29.5120, 7.5068 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 39.0947, 29.5120, 7.5068 by changing the saturation by 10% instead.


 39.0947, 29.5120,
7.5068


 39.0947, 29.5120,
7.5068

333.4932,
299.6231, 181.5984


 27.0145, 19.4685,
3.6978


 73.0761, 58.8896,
21.5157

 17.7207, 12.0093,
1.4611


 95.7080, 78.9924,
32.5527


 10.8481, 6.7500,
0.1887


 122.5878,
103.2172, 46.8361

 6.0314, 3.3062,
0.0000

 154.0809,
131.9482, 64.7845

 2.9050, 1.2936,
0.0000

 190.5526,
165.5699, 86.8164

 1.1037, 0.1363,
0.0000


 232.3683,


 0.0282, 0.0000,


204.4667, 113.3503


0.0000


279.8934,
249.0230, 144.8048


 0.0000, 0.0000,
0.0000


 39.0947, 29.5120,
7.5068


 39.0947, 29.5120,
7.5068


 37.0582, 26.1543,
4.6238


 41.6604, 33.5202,
11.8254

 35.4988, 23.4018,
2.9750


 44.7954, 38.2101,
17.7418


 34.8639, 22.2324,
2.4537


 48.5378, 43.6162,
25.3975


 52.9213, 49.7690,
34.9179

 57.9769, 56.6971,
46.4168

 63.7336, 64.4273,
59.9988

 70.2185, 72.9854,
75.7609

 77.4570, 82.3957,
93.7942

 84.2922, 92.2090,
107.9632

Harmonies

Analogous

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



45.8727, 29.5120, 17.3070



39.0947, 29.5120, 7.5068



30.1644, 29.5120, 4.5463

Triad

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



39.0947, 29.5120, 7.5068



14.8205, 29.5120, 26.5796



34.8033, 29.5120, 97.0358

Complementary

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



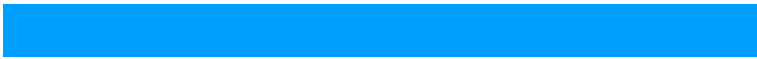
39.0947, 29.5120, 7.5068



29.6924, 34.4743, 78.4874

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.



26.0373, 29.5120, 103.9439



39.0947, 29.5120, 7.5068



15.5701, 29.5120, 53.6577

Square

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



39.0947, 29.5120, 7.5068



17.0056, 29.5120, 11.3777



19.3104, 29.5120, 85.2072



43.0681, 29.5120, 69.3899

Rectangle

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



39.0947, 29.5120, 7.5068



24.6251, 29.5120, 4.7567



19.3104, 29.5120, 85.2072



31.7792, 29.5120, 102.2831

Sweetspot

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



39.0954, 29.5136, 7.5073



76.7609, 75.8263, 64.5622



40.5397, 22.2531, 39.2778



16.0154, 15.6695, 12.8526



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.



39.0954, 29.5136, 7.5073



46.5785, 31.6476, 4.6019



53.9359, 59.1946, 12.4541



14.7886, 15.1911, 15.0572



20.2326, 13.0393, 1.4505



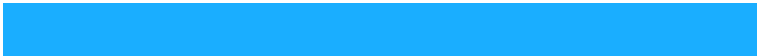
1.5799, 1.1331, 0.1354

Inverse Universe

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



29.6924, 34.4743, 78.4874



33.6894, 37.8852, 100.1447



18.7576, 12.6047, 74.8425



14.3595, 15.4405, 18.3678



14.3157, 15.6934, 44.6578



1.1443, 1.3325, 3.3289

Previews

White Background



This preview shows how the XYZ color 39.0947, 29.5120, 7.5068 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 39.0947, 29.5120, 7.5068 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 39.0947, 29.5120, 7.5068

Background



This preview shows how black text looks on a background with the XYZ color 39.0947, 29.5120, 7.5068.



This preview shows how white text looks on a background with the XYZ color 39.0947, 29.5120,

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

39.0947, 29.5120, 7.5068

Protanopia

27.0903, 29.5725, 9.4345

Deuteranopia

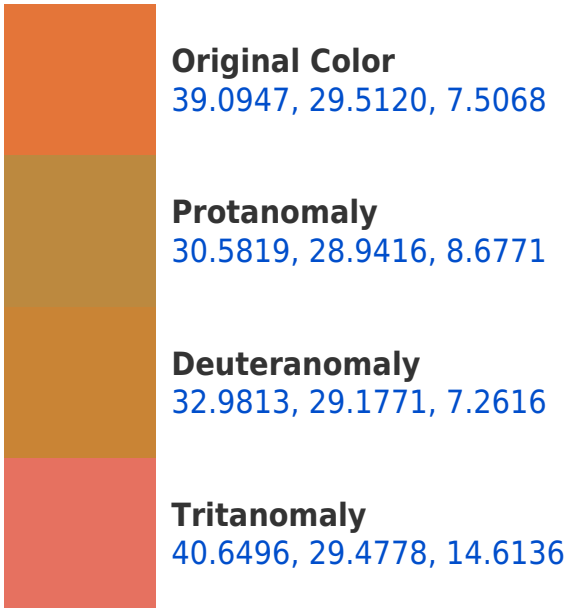
30.1082, 29.5943, 7.1430



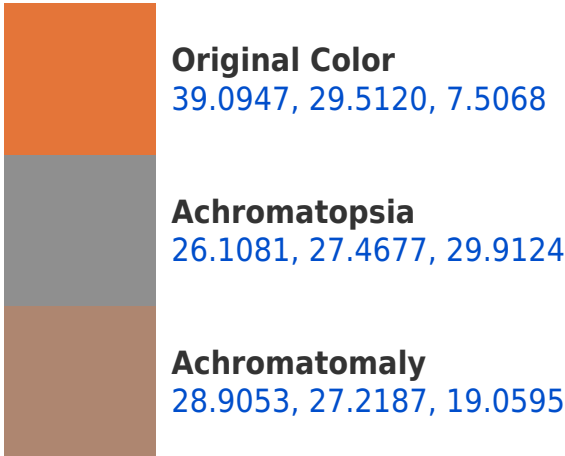
Tritanopia

41.8009, 29.4488, 20.6206

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0947, 29.5120, 7.5068 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(228, 117, 57)` looks like.

```
.text, #text, p{  
    color:rgb(228, 117, 57)  
}
```

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(228, 117, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 117, 57) }
```

Border

The CSS property to change the border of an element to XYZ 39.0947, 29.5120, 7.5068 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(228, 117, 57) }
```


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

```
.border{ border-color:rgb(228, 117, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 117, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 117, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 117, 57);  
box-shadow:4px 4px 4px 4px rgb(228, 117,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0947, 29.5120, 7.5068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 117, 57) }
```

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

```
.background{ background-color: rgb(228,  
117, 57) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor