

Converting Colors

XYZ(39.1761, 30.0418, 8.8994)

Have a look what the booklet for
XYZ(39.1761, 30.0418, 8.8994)
contains.

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Color

**XYZ(39.0639, 29.9950,
8.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	E27842
RGB	226, 120, 66
RGB Percent	89%, 47%, 26%
CMY	0.1137, 0.5294, 0.7412
CMYK	0.00, 0.47, 0.71, 0.11
HSL	20°, 73%, 57%
HSV	20°, 71%, 89%
XYZ	39.0639, 29.9950, 8.8850
YIQ	145.5380, 80.5100, 5.6780

Conversions

Conversions Part 2

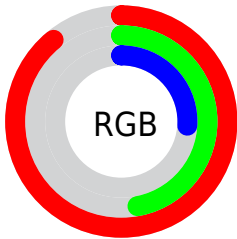
Format	Color
R _Y B	226, 148, 66
Decimal	14841922
CIE Lab	61.65, 37.05, 47.13
CIE LCh	62, 59.950, 51.828
Yxy	29.9950, 0.5012, 0.3848
Android (android.graphics.Color)	4293032002 (0xFFE27842)
YUV	145.5380, -39.2122, 70.5652
Hunter-Lab	54.7677, 31.4744, 28.7187

Details

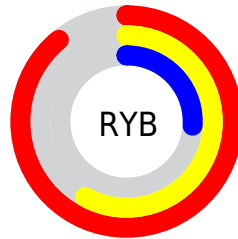
The XYZ color **39.0639, 29.9950, 8.8850** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **30.7258, 36.1523, 77.3098**, and the grayscale version is **27.2656, 28.6855, 31.2385**.

A 20% lighter version of the original color is **59.5284, 52.7931, 23.5756**, and **17.7387, 12.2930, 1.9281** is the 20% darker color. If you saturate the color by 10%, you get **36.8625, 26.4564, 5.4881**, and if you desaturate by 10%, it is **41.8113, 34.2052, 13.7623**.

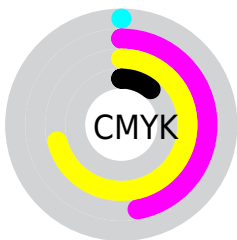
Distribution



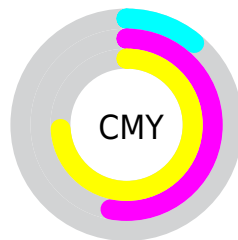
- Red (89%)
- Green (47%)
- Blue (26%)



- Red (89%)
- Yellow (58%)
- Blue (26%)



- Cyan (0%)
- Magenta (47%)
- Yellow (71%)
- Black (11%)





- Cyan (11%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0639, 29.9950, 8.8850 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 39.0639, 29.9950, 8.8850 by changing the saturation by 10% instead.


 39.0639, 29.9950,
8.8850


 39.0639, 29.9950,
8.8850


333.3646,
301.8811, 192.7041


 26.9904, 19.8348,
4.5705


 73.0294, 59.6543,
24.2502

 17.7026, 12.2750,
1.9432


 95.6520, 79.9221,
36.1379

 10.8350, 6.9313,
0.5200


 122.5218,
104.3280, 51.3871

 6.0225, 3.4191,
0.0000

 154.0040,
133.2562, 70.4163

 2.8996, 1.3543,
0.0000

 190.4641,
167.0913, 93.6441

 1.1009, 0.1827,
0.0000

232.2673,

 0.0258, 0.0000,

206.2175, 121.4889

0.0000

279.7790,
251.0193, 154.3694

■ 0.0000, 0.0000,
0.0000

■ 39.0639, 29.9950,
8.8850

■ 39.0639, 29.9950,
8.8850

■ 36.8625, 26.4564,
5.4881

■ 41.8113, 34.2052,
13.7623

■ 35.1589, 23.5451,
3.3915


■ 45.1426, 39.1176,
20.2684


■ 33.9679, 21.3766,
2.3358


■ 49.0942, 44.7664,
28.5350


■ 53.6985, 51.1821,
38.6800

■ 58.9856, 58.3932,
50.8108

 64.9837, 66.4267,
65.0267

 71.7192, 75.3083,
81.4203

 79.2171, 85.0626,
100.0787

 85.0947, 94.7504,
108.4114

Harmonies

Analogous

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



45.2262, 29.9950, 18.9114



39.0639, 29.9950, 8.8850



30.7428, 29.9950, 5.6363

Triad

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



39.0639, 29.9950, 8.8850



15.8750, 29.9950, 26.8117



34.5933, 29.9950, 92.6641

Complementary

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



39.0639, 29.9950, 8.8850



30.7258, 36.1523, 77.3098

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.



26.3868, 29.9950, 98.1817



39.0639, 29.9950, 8.8850



16.5217, 29.9950, 51.8399

Square

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



39.0639, 29.9950, 8.8850



18.0820, 29.9950, 12.3561



20.0509, 29.9950, 80.7190



42.3285, 29.9950, 67.9708

Rectangle

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



39.0639, 29.9950, 8.8850



25.4830, 29.9950, 5.7884



20.0509, 29.9950, 80.7190



31.7662, 29.9950, 97.1726

Sweetspot

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



39.0646, 29.9966, 8.8855



77.3044, 76.4357, 66.2155



40.8228, 23.0696, 41.6677



16.1148, 15.7755, 13.1717



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.



39.0646, 29.9966, 8.8855



47.3233, 32.8603, 5.7034



52.8475, 57.5624, 13.4798



14.0834, 14.4529, 14.3542



19.4772, 12.3924, 1.3654



1.4308, 1.0205, 0.1216

Inverse Universe

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



30.7258, 36.1523, 77.3098



35.5536, 41.0269, 100.6529



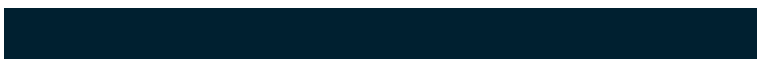
19.8596, 14.4198, 73.6878



13.7066, 14.7523, 17.5127



14.1417, 15.7530, 43.3437



1.0619, 1.2554, 3.0316

Previews

White Background



This preview shows how the XYZ color 39.0639, 29.9950, 8.8850 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 39.0639, 29.9950, 8.8850 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0639, 29.9950, 8.8850

Background



This preview shows how black text looks on a background with the XYZ color 39.0639, 29.9950, 8.8850.



This preview shows how white text looks on a background with the XYZ color 39.0639, 29.9950,

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

39.0639, 29.9950, 8.8850

Protanopia

27.6934, 30.3200, 11.0494

Deuteranopia

30.7650, 30.1220, 8.6075



Tritanopia

41.8433, 30.0978, 22.0164

Trichromacy



Original Color

39.0639, 29.9950, 8.8850

Protanomaly

30.8958, 29.4979, 10.1962

Deuteranomaly

33.5097, 29.8266, 8.6936

Tritanomaly

40.6386, 29.9441, 16.2083

Monochromacy



Original Color

39.0639, 29.9950, 8.8850

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.8357, 28.2896, 20.7176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0639, 29.9950, 8.8850 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(226, 120, 66)` looks like.

```
.text, #text, p{  
    color:rgb(226, 120, 66)  
}
```

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(226, 120, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 120, 66) }
```

Border

The CSS property to change the border of an element to XYZ 39.0639, 29.9950, 8.8850 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(226, 120, 66) }
```


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

```
.border{ border-color:rgb(226, 120, 66) }
```

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

Here you see how a box with a 4 pixel rgb(226, 120, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 120, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 120, 66);  
box-shadow:4px 4px 4px 4px rgb(226, 120,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0639, 29.9950, 8.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 120, 66) }
```

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

```
.background{ background-color: rgb(226,  
120, 66) }
```

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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