

Converting Colors

XYZ(39.4022, 28.0235, 11.1320)

Have a look what the booklet for
XYZ(39.4022, 28.0235, 11.1320)
contains.

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Color

**XYZ(39.4809, 28.1422,
11.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	E66C51
RGB	230, 108, 81
RGB Percent	90%, 42%, 32%
CMY	0.0980, 0.5764, 0.6823
CMYK	0.00, 0.53, 0.65, 0.10
HSL	11°, 75%, 61%
HSV	11°, 65%, 90%
XYZ	39.4809, 28.1422, 11.1357
YIQ	141.4000, 81.3790, 17.4670

Conversions

Conversions Part 2

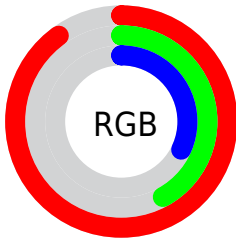
Format	Color
R_{YB}	230, 114, 81
Decimal	15101009
CIE _{Lab}	60.02, 45.41, 37.53
CIE _{LCh}	60, 58.912, 39.578
Yxy	28.1422, 0.5013, 0.3573
Android (android.graphics.Color)	4293291089 (0xFFE66C51)
YUV	141.4000, -29.7772, 77.7022
Hunter-Lab	53.0492, 40.0092, 24.6887

Details

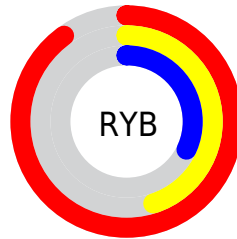
The XYZ color **39.4809, 28.1422, 11.1357** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **39.0306, 50.1711, 82.4894**, and the grayscale version is **25.5665, 26.8979, 29.2918**.

A 20% lighter version of the original color is **58.2571, 48.7394, 27.8099**, and **18.0317, 11.2887, 2.8187** is the 20% darker color. If you saturate the color by 10%, you get **36.9838, 24.3026, 6.7448**, and if you desaturate by 10%, it is **42.7003, 32.9595, 17.2083**.

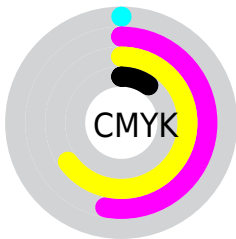
Distribution



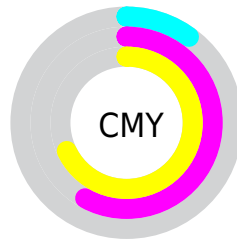
- Red (90%)
- Green (42%)
- Blue (32%)



- Red (90%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (65%)
- Black (10%)





- Cyan (10%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4809, 28.1422, 11.1357 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 39.4809, 28.1422, 11.1357 by changing the saturation by 10% instead.


 39.4809, 28.1422,
11.1357


 39.4809, 28.1422,
11.1357


335.1028,
293.1458, 209.3669

 27.3164, 18.4329,
6.0429


 73.6618, 56.7114,
28.5513

 17.9488, 11.2612,
2.8020


 96.4089, 76.3401,
41.7112


 11.0127, 6.2428,
0.9944


 123.4143,
100.0439, 58.3971

 6.1428, 2.9933,
0.0000

 155.0433,
128.2075, 79.0276

 2.9736, 1.1282,
0.0000

 191.6613,
161.2150, 104.0214

 1.1398, 0.0019,
0.0000

233.6337,

 0.0580, 0.0000,

199.4510, 133.7968

0.0000

281.3257,
243.2998, 168.7725

■ 0.0000, 0.0000,
0.0000

■ 39.4809, 28.1422,
11.1357

■ 39.4809, 28.1422,
11.1357

■ 36.9838, 24.3026,
6.7448

■ 42.7003, 32.9595,
17.2083

■ 35.1482, 21.3679,
3.8621

■ 46.6918, 38.8114,
25.1094

■ 33.9057, 19.2623,
2.2788

■ 51.5033, 45.7555,
34.9718

■ 33.4499, 18.4568,
1.7995

■ 57.1779, 53.8442,
46.9150

■ 63.7557, 63.1262,
61.0494

71.2742, 73.6473,
77.4772

79.7688, 85.4512,
96.2945

86.4429, 95.5629,
108.4972

Harmonies

Analogous

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



43.6462, 28.1422, 24.2684



39.4809, 28.1422, 11.1357



32.1051, 28.1422, 5.9404

Triad

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



39.4809, 28.1422, 11.1357



15.3777, 28.1422, 18.3672



29.2214, 28.1422, 92.1128

Complementary

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



39.4809, 28.1422, 11.1357



39.0306, 50.1711, 82.4894

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.



22.0232, 28.1422, 87.9668



39.4809, 28.1422, 11.1357



14.8949, 28.1422, 38.0441

Square

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



39.4809, 28.1422, 11.1357



18.5689, 28.1422, 8.5537



17.0978, 28.1422, 65.2269



37.0338, 28.1422, 74.7978

Rectangle

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



39.4809, 28.1422, 11.1357



26.8548, 28.1422, 5.1126



17.0978, 28.1422, 65.2269



26.6421, 28.1422, 93.3153

Sweetspot

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



39.4816, 28.1437, 11.1362



76.8325, 74.5130, 69.0764



46.6150, 27.1238, 60.6415



15.9391, 15.2340, 13.6990



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.



39.4816, 28.1437, 11.1362



45.7965, 29.2270, 6.9819



50.5068, 50.1943, 14.8113



14.5872, 14.7883, 14.9901



19.0011, 10.5764, 1.0400



1.4656, 0.9045, 0.0973

Inverse Universe

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



39.0306, 50.1711, 82.4894



45.0046, 58.6999, 103.5660



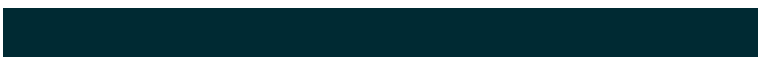
25.7480, 23.6059, 78.0618



14.5736, 15.8687, 18.4392



18.3876, 23.8374, 46.0151



1.4169, 1.8777, 3.4197

Previews

White Background



This preview shows how the XYZ color 39.4809, 28.1422, 11.1357 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 39.4809, 28.1422, 11.1357 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 39.4809, 28.1422, 11.1357

Background



This preview shows how black text looks on a background with the XYZ color 39.4809, 28.1422, 11.1357.



This preview shows how white text looks on a background with the XYZ color 39.4809, 28.1422,

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

39.4809, 28.1422, 11.1357

Protanopia

26.2915, 28.3461, 14.9121

Deuteranopia

28.7186, 28.1499, 10.5765



Tritanopia

41.0983, 28.2041, 18.3168

Trichromacy



Original Color

39.4809, 28.1422, 11.1357

Protanomaly

29.8639, 27.4311, 13.3936

Deuteranomaly

31.9549, 27.5849, 10.6614

Tritanomaly

40.3068, 28.0122, 15.3391

Monochromacy



Original Color

39.4809, 28.1422, 11.1357

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.4136, 25.9167, 20.9576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4809, 28.1422, 11.1357 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(230, 108, 81)` looks like.

```
.text, #text, p{  
    color:rgb(230, 108, 81)  
}
```

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(230, 108, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 108, 81) }
```

Border

The CSS property to change the border of an element to XYZ 39.4809, 28.1422, 11.1357 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(230, 108, 81) }
```


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

```
.border{ border-color:rgb(230, 108, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 108, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 108, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 108, 81);  
box-shadow:4px 4px 4px 4px rgb(230, 108,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4809, 28.1422, 11.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 108, 81) }
```

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

```
.background{ background-color: rgb(230,  
108, 81) }
```

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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