

Converting Colors

XYZ(39.4480, 30.6086, 10.1876)

Have a look what the booklet for
XYZ(39.4480, 30.6086, 10.1876)
contains.

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Color

**XYZ(39.5262, 30.5689,
10.1205)**

Conversions

Conversions Part 1

Format	Color
Hex	E27A49
RGB	226, 122, 73
RGB Percent	89%, 48%, 29%
CMY	0.1137, 0.5215, 0.7137
CMYK	0.00, 0.46, 0.68, 0.11
HSL	19°, 73%, 59%
HSV	19°, 68%, 89%
XYZ	39.5262, 30.5689, 10.1205
YIQ	147.5100, 77.7130, 6.8090

Conversions

Conversions Part 2

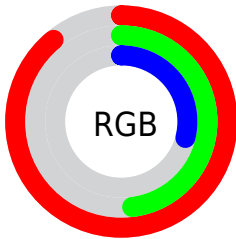
Format	Color
R _Y B	226, 145, 73
Decimal	14842441
CIE Lab	62.14, 36.39, 44.13
CIE LCh	62, 57.200, 50.491
Yxy	30.5689, 0.4927, 0.3811
Android (android.graphics.Color)	4293032521 (0xFFE27A49)
YUV	147.5100, -36.7334, 68.8357
Hunter-Lab	55.2891, 30.8536, 27.8496

Details

The XYZ color **39.5262, 30.5689, 10.1205** 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 **32.1962, 38.3495, 77.6564**, and the grayscale version is **28.0705, 29.5324, 32.1608**.

A 20% lighter version of the original color is **60.3405, 53.7407, 25.9316**, and **17.9458, 12.5760, 2.4013** is the 20% darker color. If you saturate the color by 10%, you get **37.1691, 26.8441, 6.2857**, and if you desaturate by 10%, it is **42.4550, 35.0021, 15.4889**.

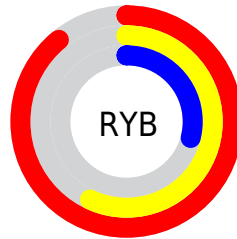
Distribution



Red (89%)

Green (48%)

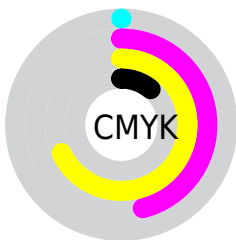
Blue (29%)



Red (89%)

Yellow (57%)

Blue (29%)

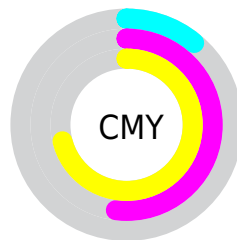


Cyan (0%)

Magenta (46%)

Yellow (68%)

Black (11%)



Cyan (11%)

Magenta (52%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5262, 30.5689, 10.1205 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 39.5262, 30.5689, 10.1205 by changing the saturation by 10% instead.

39.5262, 30.5689,
10.1205

39.5262, 30.5689,
10.1205

335.2913,
304.5473, 202.0459

27.3519, 20.2708,
5.3723

73.7304, 60.5607,
26.6333

17.9756, 12.5920,
2.4048

96.4910, 81.0232,
39.2349

11.0321, 7.1482,
0.7890

123.5111,
105.6426, 55.2914

6.1559, 3.5550,
0.0000

155.1561,
134.8033, 75.2213

2.9816, 1.4279,
0.0000

191.7912,
168.8898, 99.4431

1.1441, 0.2371,
0.0000

233.7819,

0.0615, 0.0000,

208.2863, 128.3755

0.0000

281.4935,
253.3774, 162.4369

■ 0.0000, 0.0000,
0.0000

■ 39.5262, 30.5689,
10.1205

■ 39.5262, 30.5689,
10.1205

■ 37.1691, 26.8441,
6.2857

■ 42.4550, 35.0021,
15.4889

■ 35.3366, 23.7825,
3.8143

■ 45.9929, 40.1754,
22.5330


■ 33.9715, 21.3384,
2.4776


■ 50.1762, 46.1246,
31.3803


■ 33.7064, 20.8537,
2.2486


■ 55.0376, 52.8810,
42.1455

■ 60.6073, 60.4747,
54.9336

 66.9138, 68.9337,
69.8420

 73.9837, 78.2848,
86.9616

 81.8425, 88.5538,
106.3782

 85.1738, 94.9087,
108.4378

Harmonies

Analogous

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



45.2435, 30.5689, 20.5402



39.5262, 30.5689, 10.1205



31.5694, 30.5689, 6.5371

Triad

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



39.5262, 30.5689, 10.1205



16.7643, 30.5689, 26.7608



34.5509, 30.5689, 90.8817

Complementary

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



39.5262, 30.5689, 10.1205



32.1962, 38.3495, 77.6564

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.



26.6775, 30.5689, 95.0462



39.5262, 30.5689, 10.1205



17.2777, 30.5689, 50.4398

Square

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



39.5262, 30.5689, 10.1205



19.0652, 30.5689, 12.9428



20.6183, 30.5689, 77.8756



42.0372, 30.5689, 68.1954

Rectangle

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



39.5262, 30.5689, 10.1205



26.4419, 30.5689, 6.5799



20.6183, 30.5689, 77.8756



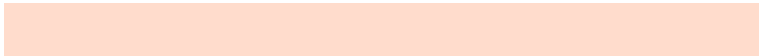
31.8344, 30.5689, 94.7922

Sweetspot

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



39.5269, 30.5705, 10.1210



77.8204, 76.9822, 67.8842



41.7373, 24.1303, 44.3409



16.2067, 15.8649, 13.4929



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.



39.5269, 30.5705, 10.1210



47.8690, 33.6494, 6.8173



52.7491, 57.0150, 14.5285



14.0638, 14.4136, 14.3476



19.3247, 12.0873, 1.3146



1.4185, 0.9959, 0.1175

Inverse Universe

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



32.1962, 38.3495, 77.6564



37.4539, 44.1866, 101.1626



21.1338, 16.2248, 73.9689



13.7271, 14.7933, 17.5196



14.4992, 16.4679, 43.4628



1.0848, 1.3010, 3.0392

Previews

White Background



This preview shows how the XYZ color 39.5262, 30.5689, 10.1205 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 39.5262, 30.5689, 10.1205 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 39.5262, 30.5689, 10.1205

Background



This preview shows how black text looks on a background with the XYZ color 39.5262, 30.5689, 10.1205.



This preview shows how white text looks on a background with the XYZ color 39.5262, 30.5689,

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

39.5262, 30.5689, 10.1205

Protanopia

28.3538, 30.8647, 12.6467

Deuteranopia

31.1155, 30.5014, 9.7162



Tritanopia

42.1966, 30.6040, 22.7519

Trichromacy



Original Color

39.5262, 30.5689, 10.1205

Protanomaly

31.5284, 30.0120, 11.5283

Deuteranomaly

33.8569, 30.1876, 9.8367

Tritanomaly

41.0231, 30.4708, 17.0839

Monochromacy



Original Color

39.5262, 30.5689, 10.1205

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.5883, 29.0758, 22.0892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5262, 30.5689, 10.1205 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, 122, 73)` looks like.

```
.text, #text, p{  
    color:rgb(226, 122, 73)  
}
```

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, 122, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 122, 73) }
```

Border

The CSS property to change the border of an element to XYZ 39.5262, 30.5689, 10.1205 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, 122, 73) }
```


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

```
.border{ border-color:rgb(226, 122, 73) }
```

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

Here you see how a box with a 4 pixel rgb(226, 122, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 122, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 122, 73);  
box-shadow:4px 4px 4px 4px rgb(226, 122,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5262, 30.5689, 10.1205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 122, 73) }
```

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

```
.background{ background-color: rgb(226,  
122, 73) }
```

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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