

Converting Colors

XYZ(39.7878, 30.6010, 15.9679)

Have a look what the booklet for
XYZ(39.7878, 30.6010, 15.9679)
contains.

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Color

**XYZ(39.6912, 30.5271,
15.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7A64
RGB	223, 122, 100
RGB Percent	87%, 48%, 39%
CMY	0.1255, 0.5215, 0.6078
CMYK	0.00, 0.45, 0.55, 0.13
HSL	11°, 66%, 63%
HSV	11°, 55%, 87%
XYZ	39.6912, 30.5271, 15.8570
YIQ	149.6910, 67.2580, 14.5700

Conversions

Conversions Part 2

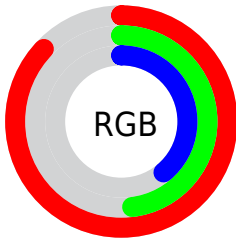
Format	Color
R _Y B	223, 127, 100
Decimal	14645860
CIE Lab	62.11, 37.06, 29.44
CIE LCh	62, 47.333, 38.463
Yxy	30.5271, 0.4611, 0.3547
Android (android.graphics.Color)	4292835940 (0xFFDF7A64)
YUV	149.6910, -24.4977, 64.2920
Hunter-Lab	55.2513, 31.5402, 21.6598

Details

The XYZ color **39.6912, 30.5271, 15.8570** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.4603, 49.8078, 77.3458**, and the grayscale version is **28.9398, 30.4469, 33.1567**.

A 20% lighter version of the original color is **62.3512, 54.5450, 36.5201**, and **18.0001, 12.5500, 4.8419** is the 20% darker color. If you saturate the color by 10%, you get **36.7155, 26.0732, 10.2492**, and if you desaturate by 10%, it is **43.3873, 35.9494, 23.1626**.

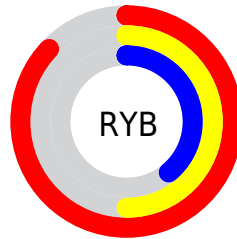
Distribution



Red (87%)

Green (48%)

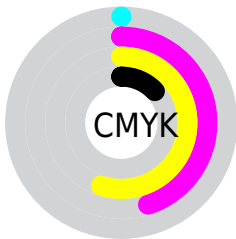
Blue (39%)



Red (87%)

Yellow (50%)

Blue (39%)

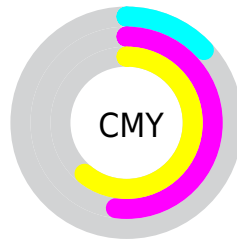


Cyan (0%)

Magenta (45%)

Yellow (55%)

Black (13%)



Cyan (13%)


Magenta (52%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6912, 30.5271, 15.8570 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 39.6912, 30.5271, 15.8570 by changing the saturation by 10% instead.


 39.6912, 30.5271,
15.8570


 39.6912, 30.5271,
15.8570


335.9771,
304.3537, 240.3133

 27.4810, 20.2390,
9.2698


 73.9804, 60.4948,
37.1131

 18.0732, 12.5689,
4.8183


 96.7901, 80.9431,
52.6190

 11.1026, 7.1324,
2.0842


 123.8637,
105.5470, 71.9350

 6.2037, 3.5450,
0.6063

 155.5665,
134.6909, 95.4794

 3.0112, 1.4225,
0.0000

192.2638,
168.7591, 123.6709

 1.1597, 0.2332,
0.0000

234.3212,

 0.0742, 0.0000,

208.1361, 156.9280

0.0000

282.1038,
253.2061, 195.6693

■ 0.0000, 0.0000,
0.0000

■ 39.6912, 30.5271,
15.8570

■ 39.6912, 30.5271,
15.8570

■ 36.7155, 26.0732,
10.2492

■ 43.3873, 35.9494,
23.1626

■ 34.4095, 22.5255,
6.1994

■ 47.8456, 42.3882,
32.2871

■ 32.7189, 19.8216,
3.5478

■ 53.1070, 49.8939,
43.3428

■ 31.5791, 17.8886,
2.0991

■ 59.2092, 58.5122,
56.4320

■ 31.1866, 17.1985,
1.6759

■ 66.1870, 68.2861,
71.6500

■ 74.0737, 79.2563,
89.0860

■ 82.7226, 91.3904,
107.8879

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



42.8812, 30.5271, 28.3429



39.6912, 30.5271, 15.8570



33.7436, 30.5271, 10.1344

Triad

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



39.6912, 30.5271, 15.8570



19.0553, 30.5271, 21.9611



30.8537, 30.5271, 81.3550

Complementary

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



39.6912, 30.5271, 15.8570



39.4603, 49.8078, 77.3458

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.



24.7504, 30.5271, 77.6611



39.6912, 30.5271, 15.8570



18.5156, 30.5271, 38.6684

Square

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



39.6912, 30.5271, 15.8570



22.0492, 30.5271, 12.6553



20.4488, 30.5271, 60.1531



37.3124, 30.5271, 68.9282

Rectangle

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



39.6912, 30.5271, 15.8570



29.3446, 30.5271, 9.0711



20.4488, 30.5271, 60.1531



28.6881, 30.5271, 82.0270

Sweetspot

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



39.6919, 30.5287, 15.8576



78.5170, 76.8707, 72.7554



45.7086, 29.0905, 59.3939



16.4375, 15.9341, 14.7796



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.



39.6919, 30.5287, 15.8576



49.2872, 34.6215, 13.0376



49.4596, 50.0640, 19.1134



13.9045, 14.0950, 14.2945



18.3958, 10.2294, 1.0049



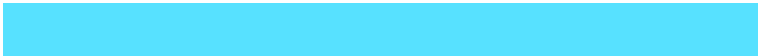
1.3343, 0.8275, 0.0894

Inverse Universe

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



39.4603, 49.8078, 77.3458



48.8480, 63.0229, 104.1978



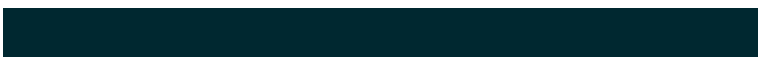
28.0999, 27.0871, 73.5591



13.8971, 15.1333, 17.5763



17.8763, 23.2223, 44.5885



1.2943, 1.7201, 3.1090

Previews

White Background



This preview shows how the XYZ color 39.6912, 30.5271, 15.8570 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 39.6912, 30.5271, 15.8570 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 39.6912, 30.5271, 15.8570

Background



This preview shows how black text looks on a background with the XYZ color 39.6912, 30.5271, 15.8570.



This preview shows how white text looks on a background with the XYZ color 39.6912, 30.5271,

15.8570.

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

39.6912, 30.5271, 15.8570

Protanopia

28.5289, 30.5596, 19.7242

Deuteranopia

31.3760, 30.7361, 15.3453



Tritanopia

41.3605, 30.4967, 23.7852

Trichromacy



Original Color

39.6912, 30.5271, 15.8570

Protanomaly

31.8520, 30.0292, 18.3048

Deuteranomaly

33.9878, 30.3417, 15.3744

Tritanomaly

40.5482, 30.3253, 20.5459

Monochromacy



Original Color

39.6912, 30.5271, 15.8570

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.6744, 29.7692, 25.9064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6912, 30.5271, 15.8570 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(223, 122, 100)` looks like.

```
.text, #text, p{  
    color:rgb(223, 122, 100)  
}
```

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(223, 122, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 122, 100) }
```

Border

The CSS property to change the border of an element to XYZ 39.6912, 30.5271, 15.8570 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(223, 122, 100) }
```


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

```
.border{ border-color:rgb(223, 122, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 122, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 122, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 122, 100);  
box-shadow:4px 4px 4px 4px rgb(223, 122,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6912, 30.5271, 15.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 122, 100) }
```

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

```
.background{ background-color: rgb(223,  
122, 100) }
```

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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