

Converting Colors

XYZ(39.3423, 30.3062, 16.8751)

Have a look what the booklet for
XYZ(39.3423, 30.3062, 16.8751)
contains.

XYZ(39.2770, 30.2907, 16.8733)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.2770, 30.2907,
16.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	DD7A68
RGB	221, 122, 104
RGB Percent	87%, 48%, 41%
CMY	0.1333, 0.5215, 0.5922
CMYK	0.00, 0.45, 0.53, 0.13
HSL	9°, 63%, 64%
HSV	9°, 53%, 87%
XYZ	39.2770, 30.2907, 16.8733
YIQ	149.5490, 64.7820, 15.3900

Conversions

Conversions Part 2

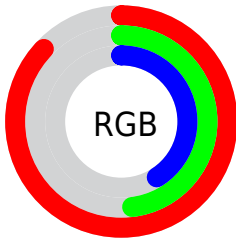
Format	Color
R _Y B	221, 125, 104
Decimal	14514792
CIE Lab	61.90, 36.63, 26.89
CIE LCh	62, 45.440, 36.285
Yxy	30.2907, 0.4544, 0.3504
Android (android.graphics.Color)	4292704872 (0xFFDD7A68)
YUV	149.5490, -22.4557, 62.6625
Hunter-Lab	55.0370, 31.0713, 20.3487

Details

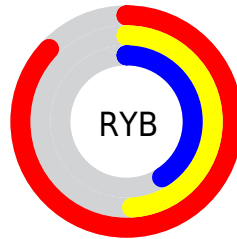
The XYZ color **39.2770, 30.2907, 16.8733** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.1147, 50.8727, 76.1114**, and the grayscale version is **28.8721, 30.3757, 33.0791**.

A 20% lighter version of the original color is **62.6817, 54.6772, 38.2604**, and **17.8920, 12.4833, 5.3374** is the 20% darker color. If you saturate the color by 10%, you get **36.2188, 25.7416, 11.0226**, and if you desaturate by 10%, it is **43.0726, 35.8441, 24.4213**.

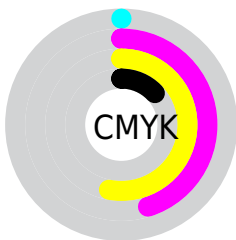
Distribution



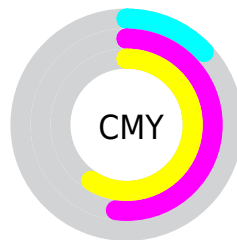
- Red (87%)
- Green (48%)
- Blue (41%)



- Red (87%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (13%)





- Cyan (13%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2770, 30.2907, 16.8733 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 39.2770, 30.2907, 16.8733 by changing the saturation by 10% instead.


 39.2770, 30.2907,
16.8733


 39.2770, 30.2907,
16.8733


334.2537,
303.2571, 246.4604

 27.1570, 20.0593,
9.9832


 73.3527, 60.1216,
38.8955

 17.8283, 12.4382,
5.2824


 96.0390, 80.4899,
54.8646

 10.9258, 7.0428,
2.3522


 122.9782,
105.0060, 74.6972

 6.0839, 3.4889,
0.7603

 154.5355,
134.0543, 98.8117

 2.9373, 1.3920,
0.0000

191.0763,
168.0192, 127.6268

 1.1207, 0.2108,
0.0000

232.9661,

 0.0423, 0.0000,

207.2850, 161.5609

0.0000

280.5701,
252.2362, 201.0326

■ 0.0000, 0.0000,
0.0000

■ 39.2770, 30.2907,
16.8733

■ 39.2770, 30.2907,
16.8733

■ 36.2188, 25.7416,
11.0226

■ 43.0726, 35.8441,
24.4213

■ 33.8468, 22.1318,
6.7354

■ 47.6477, 42.4522,
33.7833

■ 32.1067, 19.3960,
3.8602

■ 53.0438, 50.1677,
45.0673

■ 30.9342, 17.4583,
2.2141

■ 59.2989, 59.0384,
58.3726

■ 30.3910, 16.5167,
1.5863

■ 66.4486, 69.1092,
73.7915

■ 74.5262, 80.4228,
91.4106

■ 82.9620, 92.7788,
108.1433

■ 83.6286, 94.1121,
108.3655

Harmonies

Analogous

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



42.0409, 30.2907, 29.4512



39.2770, 30.2907, 16.8733



33.7517, 30.2907, 10.8471

Triad

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



39.2770, 30.2907, 16.8733



19.3605, 30.2907, 21.2673



30.0889, 30.2907, 78.6964

Complementary

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



39.2770, 30.2907, 16.8733



40.1147, 50.8727, 76.1114

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.



24.3408, 30.2907, 74.1007



39.2770, 30.2907, 16.8733



18.6653, 30.2907, 36.7830

Square

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



39.2770, 30.2907, 16.8733



22.4126, 30.2907, 12.6883



20.3592, 30.2907, 57.0216



36.2760, 30.2907, 67.9911

Rectangle

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



39.2770, 30.2907, 16.8733



29.5544, 30.2907, 9.5861



20.3592, 30.2907, 57.0216



28.0396, 30.2907, 78.9302

Sweetspot

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



39.2777, 30.2923, 16.8739



79.1222, 77.5634, 74.5534



45.6023, 29.6062, 60.0924



16.5471, 16.0514, 15.1305



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.



39.2777, 30.2923, 16.8739



49.5145, 34.7321, 14.1737



48.6488, 49.0343, 19.9975



13.2170, 13.3734, 13.6103



17.7069, 9.6994, 0.9389



1.1989, 0.7319, 0.0781

Inverse Universe

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



40.1147, 50.8727, 76.1114



50.7083, 66.0143, 104.6772



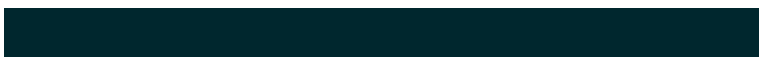
28.8780, 28.3993, 72.3658



13.2653, 14.4703, 16.7460



17.9710, 23.8115, 43.3873



1.2113, 1.6368, 2.8265

Previews

White Background



This preview shows how the XYZ color 39.2770, 30.2907, 16.8733 looks on a white background.

Color Contrast Check

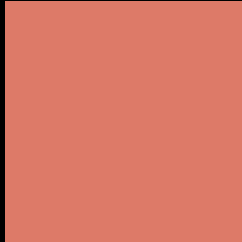
Large Text (above 18pt) WCAG AA × Fail

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 39.2770, 30.2907, 16.8733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

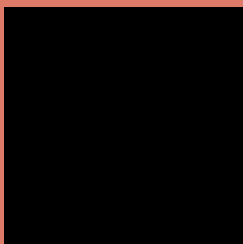
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2770, 30.2907, 16.8733

Background



This preview shows how black text looks on a background with the XYZ color 39.2770, 30.2907, 16.8733.



This preview shows how white text looks on a background with the XYZ color 39.2770, 30.2907,

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

39.2770, 30.2907, 16.8733

Protanopia

28.5559, 30.5472, 20.9141

Deuteranopia

30.9451, 30.2683, 16.2680



Tritanopia

40.8590, 30.4139, 23.7956

Trichromacy



Original Color

39.2770, 30.2907, 16.8733

Protanomaly

31.5941, 29.8711, 19.4297

Deuteranomaly

33.5186, 29.8696, 16.3107

Tritanomaly

40.1704, 30.2944, 21.1830

Monochromacy



Original Color

39.2770, 30.2907, 16.8733

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.5162, 29.6797, 26.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2770, 30.2907, 16.8733 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(221, 122, 104)` looks like.

```
.text, #text, p{  
    color:rgb(221, 122, 104)  
}
```

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(221, 122, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 122, 104) }
```

Border

The CSS property to change the border of an element to XYZ 39.2770, 30.2907, 16.8733 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(221, 122, 104) }
```


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

```
.border{ border-color:rgb(221, 122, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 122, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(221, 122,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2770, 30.2907, 16.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 122, 104) }
```

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

```
.background{ background-color: rgb(221,  
122, 104) }
```

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