

Converting Colors

$Y_{xy}(29.2071, 0.4919, 0.3910)$

Have a look what the booklet for
Yxy(29.2071, 0.4919, 0.3910)
contains.

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Color

Yxy(29.2061, 0.4928, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	DA7A41
RGB	218, 122, 65
RGB Percent	85%, 48%, 25%
CMY	0.1451, 0.5216, 0.7450
CMYK	0.00, 0.44, 0.70, 0.15
HSL	22°, 67%, 55%
HSV	22°, 70%, 85%
XYZ	36.8290, 29.2061, 8.6991
YIQ	144.2060, 75.5130, 2.6250

Conversions

Conversions Part 2

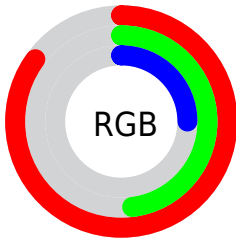
Format	Color
R_{YB}	218, 156, 65
Decimal	14318145
CIE _{Lab}	60.96, 32.78, 46.56
CIE _{LCh}	61, 56.939, 54.849
Yxy	29.2061, 0.4928, 0.3908
Android (android.graphics.Color)	4292508225 (0xFFDA7A41)
YUV	144.2060, -39.0486, 64.7173
Hunter-Lab	54.0427, 27.0695, 28.2862

Details

The Yxy color **29.2061, 0.4928, 0.3908** 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 **31.6829, 0.2118, 0.2432**, and the grayscale version is **28.1162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1577, 0.4382, 0.3904**, and **11.9383, 0.5442, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **25.8754, 0.5258, 0.3915**, and if you desaturate by 10%, it is **33.1103, 0.4591, 0.3859**.

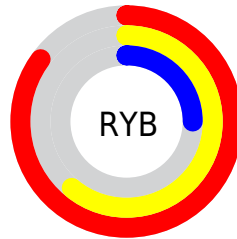
Distribution



Red (85%)

Green (48%)

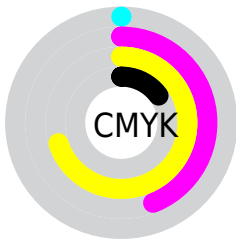
Blue (25%)



Red (85%)

Yellow (61%)

Blue (25%)

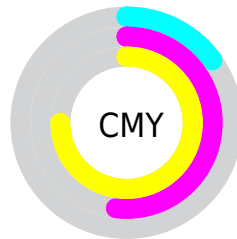


Cyan (0%)

Magenta (44%)

Yellow (70%)

Black (15%)



Cyan (15%)


Magenta (52%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2061, 0.4928, 0.3908 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 Yxy color 29.2061, 0.4928, 0.3908 by changing the saturation by 10% instead.


 29.2061, 0.4928,
0.3908


 29.2061, 0.4928,
0.3908


298.1862, 0.3983,
0.3666


 19.2368, 0.5159,
0.3931


 58.4044, 0.4583,
0.3845


 11.8415, 0.5444,
0.3933


 78.4021, 0.4453,
0.3813


 6.6358, 0.5818,
0.3902


 102.5115, 0.4343,
0.3783

 3.2354, 0.6249,
0.3751

 131.1169, 0.4250,
0.3755

 1.2558, 0.6670,
0.3330

 164.6026, 0.4169,
0.3730

 0.1066, 0.8944,
0.1056

203.3531, 0.4099,

 0.0000, 0.0000,

0.3706

0.0000

247.7529, 0.4037,
0.3685

■ 29.2061, 0.4928,
0.3908

■ 29.2061, 0.4928,
0.3908

■ 25.8754, 0.5258,
0.3915

■ 33.1103, 0.4591,
0.3859

■ 23.0820, 0.5553,
0.3870

■ 37.6118, 0.4269,
0.3782

■ 20.8217, 0.5792,
0.3783

■ 42.7386, 0.3976,
0.3687

■ 48.5152, 0.3715,
0.3586

■ 54.9646, 0.3489,
0.3484

■ 62.1087, 0.3295,
0.3385

■ 69.9683, 0.3130,
0.3292

■ 78.5634, 0.2989,
0.3205

■ 87.5059, 0.2902,
0.3188

Harmonies

Analogous

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



29.2061, 0.4784, 0.3261



29.2061, 0.4928, 0.3908



29.2061, 0.4524, 0.4546

Triad

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



29.2061, 0.4928, 0.3908



29.2061, 0.2158, 0.3985



29.2061, 0.2301, 0.1964

Complementary

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



29.2061, 0.4928, 0.3908



31.6829, 0.2118, 0.2432

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.



29.2061, 0.1788, 0.1971



29.2061, 0.4928, 0.3908



29.2061, 0.1701, 0.2974

Square

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



29.2061, 0.4928, 0.3908



29.2061, 0.2919, 0.4834



29.2061, 0.1588, 0.2283



29.2061, 0.3117, 0.2212

Rectangle

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



29.2061, 0.4928, 0.3908



29.2061, 0.4054, 0.4881



29.2061, 0.1588, 0.2283



29.2061, 0.2094, 0.1936

Sweetspot

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



29.2076, 0.4928, 0.3908



77.4208, 0.3511, 0.3494



21.2940, 0.3933, 0.2244



16.0077, 0.3571, 0.3522



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.2076, 0.4928, 0.3908



34.9931, 0.5399, 0.3901



55.4973, 0.4215, 0.4681



13.8421, 0.3282, 0.3378



12.6635, 0.5765, 0.3805



0.9824, 0.5457, 0.4049

Inverse Universe

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



31.6829, 0.2118, 0.2432



38.4305, 0.1985, 0.2222



12.7487, 0.1836, 0.1292



13.9719, 0.2982, 0.3201



13.9296, 0.1897, 0.2028



1.0656, 0.1960, 0.2256

Previews

White Background



This preview shows how the Yxy color 29.2061, 0.4928, 0.3908 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 Yxy color 29.2061, 0.4928, 0.3908 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](#).

Yxy 29.2061, 0.4928, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 29.2061, 0.4928, 0.3908.



This preview shows how white text looks on a background with the Yxy color 29.2061, 0.4928, 0.3908.

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

29.2061, 0.4928, 0.3908

Protanopia

29.4474, 0.4020, 0.4401

Deuteranopia

29.1497, 0.4422, 0.4337



Tritanopia

29.0889, 0.4337, 0.3187

Trichromacy



Original Color

29.2061, 0.4928, 0.3908

Protanomaly

28.9747, 0.4350, 0.4220

Deuteranomaly

28.8586, 0.4619, 0.4163

Tritanomaly

29.1518, 0.4575, 0.3469

Monochromacy



Original Color

29.2061, 0.4928, 0.3908

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5041, 0.3765, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2061, 0.4928, 0.3908 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(218, 122, 65)` looks like.

```
.text, #text, p{  
    color:rgb(218, 122, 65)  
}
```

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(218, 122, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 122, 65) }
```

Border

The CSS property to change the border of an element to Yxy 29.2061, 0.4928, 0.3908 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(218, 122, 65) }
```

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

```
.border{ border-color:rgb(218, 122, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 122, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 122, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 122, 65);  
box-shadow:4px 4px 4px 4px rgb(218, 122,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2061, 0.4928, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 122, 65) }
```

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

```
.background{ background-color: rgb(218,  
122, 65) }
```

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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