

Converting Colors

$Y_{xy}(29.2588, 0.4925, 0.4025)$

Have a look what the booklet for
Yxy(29.2588, 0.4925, 0.4025)
contains.

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Color

Yxy(29.2588, 0.4925, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	D67D39
RGB	214, 125, 57
RGB Percent	84%, 49%, 22%
CMY	0.1608, 0.5098, 0.7764
CMYK	0.00, 0.42, 0.73, 0.16
HSL	26°, 66%, 53%
HSV	26°, 73%, 84%
XYZ	35.8011, 29.2588, 7.6327
YIQ	143.8590, 74.8720, -2.2800

Conversions

Conversions Part 2

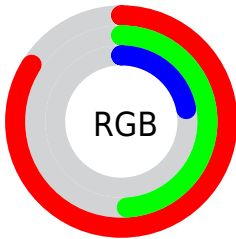
Format	Color
R_{YB}	214, 177, 57
Decimal	14056761
CIE _{Lab}	61.01, 29.16, 50.31
CIE _{LCh}	61, 58.149, 59.904
Yxy	29.2588, 0.4925, 0.4025
Android (android.graphics.Color)	4292246841 (0xFFD67D39)
YUV	143.8590, -42.8215, 61.5137
Hunter-Lab	54.0914, 23.4827, 29.4977

Details

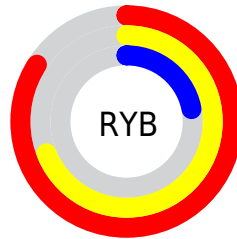
The Yxy color **29.2588, 0.4925, 0.4025** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **26.2776, 0.2046, 0.2231**, and the grayscale version is **27.9850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1835, 0.4417, 0.3998**, and **11.9066, 0.5414, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **26.2037, 0.5217, 0.4029**, and if you desaturate by 10%, it is **32.7819, 0.4618, 0.3975**.

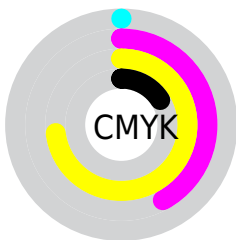
Distribution



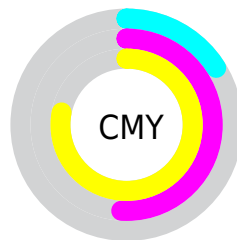
- Red (84%)
- Green (49%)
- Blue (22%)



- Red (84%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (42%)
- Yellow (73%)
- Black (16%)




- Cyan (16%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2588, 0.4925, 0.4025 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 29.2588, 0.4925, 0.4025 by changing the saturation by 10% instead.

 29.2588, 0.4925,
0.4025


 29.2588, 0.4925,
0.4025


298.4341, 0.3991,
0.3728

 19.2767, 0.5147,
0.4058


 58.4880, 0.4588,
0.3944


 11.8704, 0.5415,
0.4070


 78.5039, 0.4460,
0.3904


 6.6555, 0.5793,
0.4072


 102.6332, 0.4351,
0.3868

 3.2476, 0.6113,
0.3887

 131.2602, 0.4258,
0.3834

 1.2623, 0.6502,
0.3498

 164.7695, 0.4178,
0.3804

 0.1117, 0.8798,
0.1202

 203.5452, 0.4107,

 0.0000, 0.0000,

0.3776

0.0000

247.9720, 0.4046,
0.3751

■ 29.2588, 0.4925,
0.4025

■ 29.2588, 0.4925,
0.4025

■ 26.2037, 0.5217,
0.4029

■ 32.7819, 0.4618,
0.3975

■ 23.5865, 0.5471,
0.3978

■ 36.7913, 0.4316,
0.3891

■ 22.0702, 0.5618,
0.3922

■ 41.3094, 0.4033,
0.3785

■ 46.3556, 0.3776,
0.3670

■ 51.9482, 0.3549,
0.3551

■ 58.1043, 0.3351,
0.3436

■ 64.8405, 0.3179,
0.3325

■ 72.1723, 0.3031,
0.3223

■ 80.1148, 0.2904,
0.3127

Harmonies

Analogous

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



29.2588, 0.4887, 0.3364



29.2588, 0.4925, 0.4025



29.2588, 0.4436, 0.4663

Triad

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



29.2588, 0.4925, 0.4025



29.2588, 0.2036, 0.3817



29.2588, 0.2405, 0.1968

Complementary

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



29.2588, 0.4925, 0.4025



26.2776, 0.2046, 0.2231

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.



29.2588, 0.1831, 0.1928



29.2588, 0.4925, 0.4025



29.2588, 0.1634, 0.2818

Square

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



29.2588, 0.4925, 0.4025



29.2588, 0.2767, 0.4767



29.2588, 0.1576, 0.2185



29.2588, 0.3279, 0.2259

Rectangle

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



29.2588, 0.4925, 0.4025



29.2588, 0.3928, 0.4970



29.2588, 0.1576, 0.2185



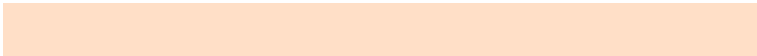
29.2588, 0.2177, 0.1925

Sweetspot

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



29.2603, 0.4925, 0.4025



78.2626, 0.3525, 0.3538



19.3781, 0.4110, 0.2303



16.2406, 0.3583, 0.3570



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.



29.2603, 0.4925, 0.4025



36.7458, 0.5363, 0.4008



56.3189, 0.4188, 0.4781



13.2968, 0.3280, 0.3391



13.5403, 0.5592, 0.3942



0.9795, 0.5292, 0.4180

Inverse Universe

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



26.2776, 0.2046, 0.2231



31.8870, 0.1903, 0.1971



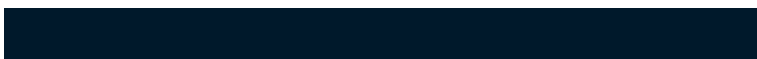
10.1165, 0.1763, 0.1113



13.1651, 0.2982, 0.3187



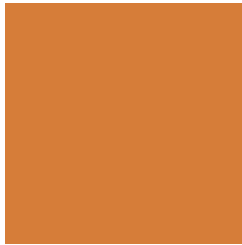
11.4539, 0.1838, 0.1815



0.8540, 0.1915, 0.2094

Previews

White Background



This preview shows how the Yxy color 29.2588, 0.4925, 0.4025 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 29.2588, 0.4925, 0.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

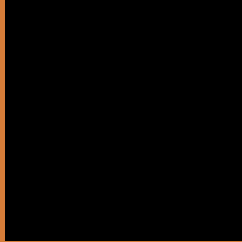
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2588, 0.4925, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 29.2588, 0.4925, 0.4025.



This preview shows how white text looks on a background with the Yxy color 29.2588, 0.4925, 0.4025.

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

29.2588, 0.4925, 0.4025

Protanopia

29.4425, 0.4103, 0.4503

Deuteranopia

29.2036, 0.4484, 0.4396



Tritanopia

29.3687, 0.4262, 0.3197

Trichromacy



Original Color

29.2588, 0.4925, 0.4025

Protanomaly

29.0382, 0.4404, 0.4333

Deuteranomaly

29.1964, 0.4649, 0.4264

Tritanomaly

29.3660, 0.4546, 0.3531

Monochromacy



Original Color

29.2588, 0.4925, 0.4025

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4962, 0.3771, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2588, 0.4925, 0.4025 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(214, 125, 57)` looks like.

```
.text, #text, p{  
    color:rgb(214, 125, 57)  
}
```

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(214, 125, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 125, 57) }
```

Border

The CSS property to change the border of an element to Yxy 29.2588, 0.4925, 0.4025 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(214, 125, 57) }
```

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

```
.border{ border-color:rgb(214, 125, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 125, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 125, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 125, 57);  
box-shadow:4px 4px 4px 4px rgb(214, 125,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2588, 0.4925, 0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 125, 57) }
```

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

```
.background{ background-color: rgb(214,  
125, 57) }
```

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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