

Converting Colors

$Y_{xy}(30.3178, 0.4679, 0.3592)$

Have a look what the booklet for
Yxy(30.3178, 0.4679, 0.3592)
contains.

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Color

Yxy(30.1889, 0.4677, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	DF795F
RGB	223, 121, 95
RGB Percent	87%, 47%, 37%
CMY	0.1254, 0.5255, 0.6274
CMYK	0.00, 0.46, 0.57, 0.13
HSL	12°, 67%, 62%
HSV	12°, 57%, 87%
XYZ	39.3406, 30.1889, 14.5856
YIQ	148.5340, 69.1380, 13.5380

Conversions

Conversions Part 2

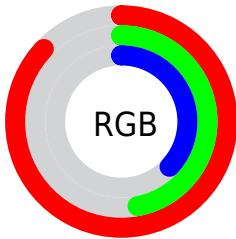
Format	Color
R _Y B	223, 128, 95
Decimal	14645599
CIE Lab	61.82, 37.21, 31.83
CIE LCh	62, 48.966, 40.550
Yxy	30.1889, 0.4677, 0.3589
Android (android.graphics.Color)	4292835679 (0xFFDF795F)
YUV	148.5340, -26.3923, 65.3067
Hunter-Lab	54.9444, 31.6546, 22.7220

Details

The Yxy color **30.1889, 0.4677, 0.3589** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **47.7222, 0.2336, 0.2932**, and the grayscale version is **29.9409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9953, 0.4114, 0.3597**, and **12.3802, 0.5174, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **25.9116, 0.5088, 0.3611**, and if you desaturate by 10%, it is **35.3817, 0.4298, 0.3547**.

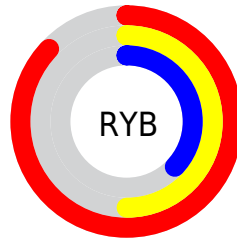
Distribution



Red (87%)

Green (47%)

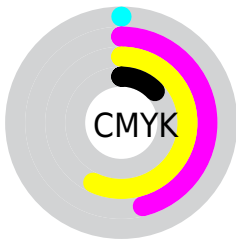
Blue (37%)



Red (87%)

Yellow (50%)

Blue (37%)

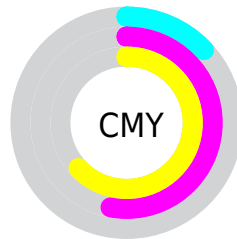


Cyan (0%)

Magenta (46%)

Yellow (57%)

Black (13%)



Cyan (13%)


Magenta (53%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1889, 0.4677, 0.3589 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 30.1889, 0.4677, 0.3589 by changing the saturation by 10% instead.


 30.1889, 0.4677,
0.3589


 30.1889, 0.4677,
0.3589


302.7840, 0.3846,
0.3481


 19.9820, 0.4896,
0.3596


 59.9608, 0.4365,
0.3563

 12.3820, 0.5179,
0.3589


 80.2946, 0.4251,
0.3550

 7.0044, 0.5554,
0.3552

 104.7728, 0.4155,
0.3536

 3.4648, 0.6120,
0.3475

 133.7798, 0.4074,
0.3523

 1.3790, 0.6814,
0.3186

167.7000, 0.4005,
0.3512

 0.2011, 0.8485,
0.1515

206.9179, 0.3945,

 0.0000, 1.0000,

0.3501

0.0000

251.8177, 0.3893,
0.3491

0.0000, 0.0000,
0.0000

30.1889, 0.4677,
0.3589

30.1889, 0.4677,
0.3589

25.9116, 0.5088,
0.3611

35.3817, 0.4298,
0.3547

22.4910, 0.5498,
0.3605

41.5347, 0.3965,
0.3494

19.8687, 0.5861,
0.3562

48.6953, 0.3682,
0.3438

17.9751, 0.6131,
0.3487

56.9064, 0.3446,
0.3381

17.5869, 0.6189,
0.3468

66.2082, 0.3250,
0.3327

■ 76.6390, 0.3088,
0.3277

■ 88.2351, 0.2954,
0.3231

■ 94.4317, 0.2935,
0.3289

Harmonies

Analogous

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



30.1889, 0.4299, 0.3025



30.1889, 0.4677, 0.3589



30.1889, 0.4560, 0.4161

Triad

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



30.1889, 0.4677, 0.3589



30.1889, 0.2596, 0.4260



30.1889, 0.2161, 0.2101

Complementary

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



30.1889, 0.4677, 0.3589



47.7222, 0.2336, 0.2932

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.



30.1889, 0.1834, 0.2241



30.1889, 0.4677, 0.3589



30.1889, 0.2046, 0.3426

Square

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



30.1889, 0.4677, 0.3589



30.1889, 0.3331, 0.4727



30.1889, 0.1791, 0.2681



30.1889, 0.2762, 0.2214

Rectangle

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



30.1889, 0.4677, 0.3589



30.1889, 0.4253, 0.4494



30.1889, 0.1791, 0.2681



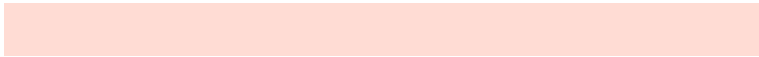
30.1889, 0.2021, 0.2117

Sweetspot

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



30.1905, 0.4677, 0.3589



77.4154, 0.3440, 0.3380



27.9311, 0.3470, 0.2170



16.0613, 0.3484, 0.3391



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.



30.1905, 0.4677, 0.3589



34.0279, 0.5176, 0.3613



51.0590, 0.4186, 0.4294



14.1486, 0.3287, 0.3338



10.4675, 0.6166, 0.3486



0.8527, 0.5873, 0.3718

Inverse Universe

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



47.7222, 0.2336, 0.2932



59.7084, 0.2223, 0.2842



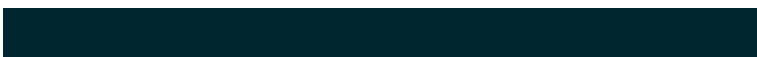
24.6546, 0.2131, 0.1983



15.0753, 0.2982, 0.3241



21.9643, 0.2063, 0.2628



1.6435, 0.2095, 0.2741

Previews

White Background



This preview shows how the Yxy color 30.1889, 0.4677, 0.3589 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 Yxy color 30.1889, 0.4677, 0.3589 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](#).

Yxy 30.1889, 0.4677, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 30.1889, 0.4677, 0.3589.



This preview shows how white text looks on a background with the Yxy color 30.1889, 0.4677, 0.3589.

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

30.1889, 0.4677, 0.3589

Protanopia

30.4513, 0.3670, 0.3954

Deuteranopia

30.3453, 0.4108, 0.4021



Tritanopia

30.2108, 0.4356, 0.3201

Trichromacy



Original Color

30.1889, 0.4677, 0.3589

Protanomaly

29.6349, 0.4033, 0.3800

Deuteranomaly

29.9710, 0.4325, 0.3856

Tritanomaly

30.0191, 0.4480, 0.3340

Monochromacy



Original Color

30.1889, 0.4677, 0.3589

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2803, 0.3652, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1889, 0.4677, 0.3589 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, 121, 95)` looks like.

```
.text, #text, p{  
    color:rgb(223, 121, 95)  
}
```

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, 121, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 121, 95) }
```

Border

The CSS property to change the border of an element to Yxy 30.1889, 0.4677, 0.3589 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, 121, 95) }
```

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

```
.border{ border-color:rgb(223, 121, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 121, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 121, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 121, 95);  
box-shadow:4px 4px 4px 4px rgb(223, 121,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1889, 0.4677, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 121, 95) }
```

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

```
.background{ background-color: rgb(223,  
121, 95) }
```

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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