

Converting Colors

$Y_{xy}(28.9183, 0.4595, 0.3678)$

Have a look what the booklet for
Yxy(28.9183, 0.4595, 0.3678)
contains.

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Color

Yxy(28.9183, 0.4595, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	D47B5B
RGB	212, 123, 91
RGB Percent	83%, 48%, 36%
CMY	0.1685, 0.5177, 0.6431
CMYK	0.00, 0.42, 0.57, 0.17
HSL	16°, 58%, 59%
HSV	16°, 57%, 83%
XYZ	36.1282, 28.9183, 13.5785
YIQ	145.9630, 63.3160, 8.9160

Conversions

Conversions Part 2

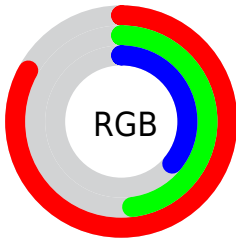
Format	Color
R_{YB}	212, 135, 91
Decimal	13925211
CIE _{Lab}	60.71, 31.55, 32.34
CIE _{LCh}	61, 45.176, 45.706
Yxy	28.9183, 0.4595, 0.3678
Android (android.graphics.Color)	4292115291 (0xFFD47B5B)
YUV	145.9630, -27.0968, 57.9144
Hunter-Lab	53.7757, 25.8143, 22.6721

Details

The Yxy color **28.9183, 0.4595, 0.3678** 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 **39.6416, 0.2317, 0.2823**, and the grayscale version is **28.8232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2637, 0.4145, 0.3649**, and **11.7192, 0.5072, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **25.0375, 0.4977, 0.3714**, and if you desaturate by 10%, it is **33.5222, 0.4241, 0.3621**.

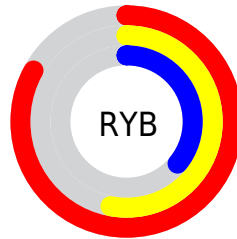
Distribution



Red (83%)

Green (48%)

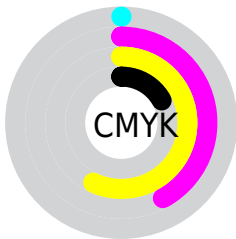
Blue (36%)



Red (83%)

Yellow (53%)

Blue (36%)

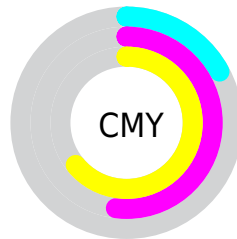


Cyan (0%)

Magenta (42%)

Yellow (57%)

Black (17%)



Cyan (17%)


Magenta (52%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9183, 0.4595, 0.3678 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 28.9183, 0.4595, 0.3678 by changing the saturation by 10% instead.


 28.9183, 0.4595,
0.3678


 28.9183, 0.4595,
0.3678


296.8293, 0.3804,
0.3518


 19.0190, 0.4805,
0.3699


 57.9473, 0.4297,
0.3632


 11.6840, 0.5077,
0.3711


 77.8457, 0.4188,
0.3611

 6.5289, 0.5439,
0.3698


 101.8460, 0.4097,
0.3591

 3.1693, 0.6042,
0.3684

 130.3326, 0.4020,
0.3574

 1.2207, 0.6628,
0.3372

163.6898, 0.3954,
0.3558

 0.0785, 0.9149,
0.0851

202.3021, 0.3897,

 0.0000, 0.0000,

0.3543

0.0000

246.5538, 0.3848,
0.3530

■ 28.9183, 0.4595,
0.3678

■ 28.9183, 0.4595,
0.3678

■ 25.0375, 0.4977,
0.3714

■ 33.5222, 0.4241,
0.3621

■ 21.8372, 0.5362,
0.3716

■ 38.8798, 0.3929,
0.3552

■ 19.2768, 0.5713,
0.3676

■ 45.0254, 0.3660,
0.3478

■ 17.3082, 0.5990,
0.3595

■ 51.9896, 0.3433,
0.3406

■ 16.8312, 0.6060,
0.3570

■ 59.8017, 0.3243,
0.3336

■ 68.4891, 0.3083,
0.3272

■ 78.0782, 0.2950,
0.3212

■ 88.2260, 0.2868,
0.3215

■ 92.7405, 0.2872,
0.3289

Harmonies

Analogous

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



28.9183, 0.4315, 0.3134



28.9183, 0.4595, 0.3678



28.9183, 0.4419, 0.4209

Triad

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



28.9183, 0.4595, 0.3678



28.9183, 0.2527, 0.4071



28.9183, 0.2297, 0.2167

Complementary

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



28.9183, 0.4595, 0.3678



39.6416, 0.2317, 0.2823

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.



28.9183, 0.1938, 0.2260



28.9183, 0.4595, 0.3678



28.9183, 0.2046, 0.3287

Square

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



28.9183, 0.4595, 0.3678



28.9183, 0.3204, 0.4590



28.9183, 0.1850, 0.2630



28.9183, 0.2907, 0.2312

Rectangle

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



28.9183, 0.4595, 0.3678



28.9183, 0.4099, 0.4493



28.9183, 0.1850, 0.2630



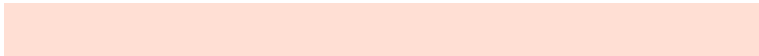
28.9183, 0.2147, 0.2170

Sweetspot

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



28.9198, 0.4595, 0.3678



78.8272, 0.3435, 0.3406



24.8534, 0.3541, 0.2238



16.3913, 0.3478, 0.3421



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.



28.9198, 0.4595, 0.3678



37.1504, 0.5041, 0.3717



48.1184, 0.4134, 0.4350



12.9492, 0.3285, 0.3352



10.5290, 0.6036, 0.3589



0.7711, 0.5691, 0.3863

Inverse Universe

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



39.6416, 0.2317, 0.2823



54.6857, 0.2197, 0.2709



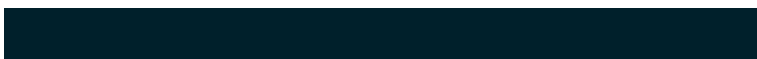
20.7196, 0.2119, 0.1903



13.5267, 0.2982, 0.3227



17.7808, 0.2004, 0.2414



1.2044, 0.2051, 0.2583

Previews

White Background



This preview shows how the Yxy color 28.9183, 0.4595, 0.3678 looks on a white background.

Color Contrast Check

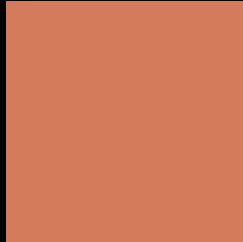
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9183, 0.4595, 0.3678 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 28.9183, 0.4595, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 28.9183, 0.4595, 0.3678.



This preview shows how white text looks on a background with the Yxy color 28.9183, 0.4595, 0.3678.

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

28.9183, 0.4595, 0.3678

Protanopia

29.1585, 0.3731, 0.4025

Deuteranopia

28.9257, 0.4115, 0.4035



Tritanopia

28.7853, 0.4205, 0.3182

Trichromacy



Original Color

28.9183, 0.4595, 0.3678

Protanomaly

28.5050, 0.4036, 0.3886

Deuteranomaly

28.7186, 0.4288, 0.3901

Tritanomaly

28.7940, 0.4350, 0.3368

Monochromacy



Original Color

28.9183, 0.4595, 0.3678

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2294, 0.3620, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9183, 0.4595, 0.3678 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(212, 123, 91)` looks like.

```
.text, #text, p{  
    color:rgb(212, 123, 91)  
}
```

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(212, 123, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 123, 91) }
```

Border

The CSS property to change the border of an element to Yxy 28.9183, 0.4595, 0.3678 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(212, 123, 91) }
```

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

```
.border{ border-color:rgb(212, 123, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 123, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 123, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 123, 91);  
box-shadow:4px 4px 4px 4px rgb(212, 123,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9183, 0.4595, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 123, 91) }
```

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

```
.background{ background-color: rgb(212,  
123, 91) }
```

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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