

Converting Colors

$Y_{xy}(25.7936, 0.4917, 0.3731)$

Have a look what the booklet for
Yxy(25.7936, 0.4917, 0.3731)
contains.

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Color

Yxy(25.8338, 0.4917, 0.3735)

Conversions

Conversions Part 1

Format	Color
Hex	D46F48
RGB	212, 111, 72
RGB Percent	83%, 44%, 28%
CMY	0.1686, 0.5647, 0.7177
CMYK	0.00, 0.48, 0.66, 0.17
HSL	17°, 62%, 56%
HSV	17°, 66%, 83%
XYZ	34.0093, 25.8338, 9.3237
YIQ	136.7530, 72.7150, 9.2830

Conversions

Conversions Part 2

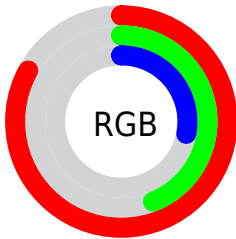
Format	Color
R_{YB}	212, 126, 72
Decimal	13922120
CIE Lab	57.88, 36.52, 39.22
CIE LCh	58, 53.597, 47.041
Yxy	25.8338, 0.4917, 0.3735
Android (android.graphics.Color)	4292112200 (0xFFD46F48)
YUV	136.7530, -31.9232, 65.9916
Hunter-Lab	50.8270, 30.4907, 24.7027

Details

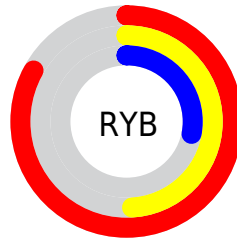
The Yxy color **25.8338, 0.4917, 0.3735** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **36.0261, 0.2215, 0.2704**, and the grayscale version is **25.0204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2161, 0.4393, 0.3726**, and **9.9817, 0.5492, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **22.5476, 0.5297, 0.3744**, and if you desaturate by 10%, it is **29.7898, 0.4543, 0.3694**.

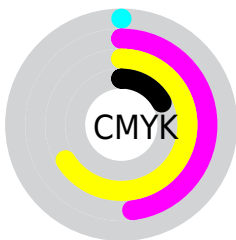
Distribution



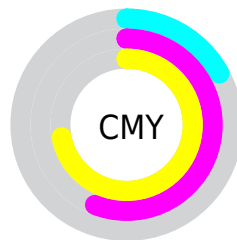
- Red (83%)
- Green (44%)
- Blue (28%)



- Red (83%)
- Yellow (49%)
- Blue (28%)



- Cyan (0%)
- Magenta (48%)
- Yellow (66%)
- Black (17%)





- Cyan (17%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8338, 0.4917, 0.3735 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 25.8338, 0.4917, 0.3735 by changing the saturation by 10% instead.

 25.8338, 0.4917,
0.3735


 25.8338, 0.4917,
0.3735

281.9653, 0.3947,
0.3570


 16.6993, 0.5169,
0.3743


 53.0067, 0.4553,
0.3696


 10.0204, 0.5490,
0.3727


 71.8139, 0.4419,
0.3675


 5.4125, 0.5916,
0.3665


 94.6142, 0.4307,
0.3654

 2.4912, 0.6500,
0.3500

 121.7920, 0.4213,
0.3634

 0.8722, 0.7027,
0.2973

 153.7315, 0.4132,
0.3616

 0.0000, 1.0000,
0.0000

190.8174, 0.4062,

 0.0000, 0.0000,

0.3599

0.0000

233.4338, 0.4001,
0.3584

■ 25.8338, 0.4917,
0.3735

■ 25.8338, 0.4917,
0.3735

■ 22.5476, 0.5297,
0.3744

■ 29.7898, 0.4543,
0.3694

■ 19.8876, 0.5648,
0.3709

■ 34.4472, 0.4198,
0.3631

■ 17.8107, 0.5932,
0.3631

■ 39.8407, 0.3894,
0.3558

■ 17.1330, 0.6028,
0.3596

■ 46.0012, 0.3633,
0.3480

■ 52.9578, 0.3411,
0.3404

■ 60.7380, 0.3225,
0.3332

■ 69.3681, 0.3069,
0.3264

■ 78.8731, 0.2938,
0.3202

■ 88.7635, 0.2869,
0.3224

Harmonies

Analogous

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



25.8338, 0.4617, 0.3105



25.8338, 0.4917, 0.3735



25.8338, 0.4647, 0.4375

Triad

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



25.8338, 0.4917, 0.3735



25.8338, 0.2349, 0.4230



25.8338, 0.2153, 0.1961

Complementary

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



25.8338, 0.4917, 0.3735



36.0261, 0.2215, 0.2704

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.



25.8338, 0.1728, 0.2041



25.8338, 0.4917, 0.3735



25.8338, 0.1808, 0.3221

Square

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



25.8338, 0.4917, 0.3735



25.8338, 0.3147, 0.4912



25.8338, 0.1610, 0.2442



25.8338, 0.2886, 0.2143

Rectangle

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



25.8338, 0.4917, 0.3735



25.8338, 0.4236, 0.4744



25.8338, 0.1610, 0.2442



25.8338, 0.1977, 0.1956

Sweetspot

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



25.8352, 0.4917, 0.3735



75.8687, 0.3499, 0.3436



21.7163, 0.3662, 0.2139



15.6012, 0.3562, 0.3457



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.



25.8352, 0.4917, 0.3735



32.6004, 0.5436, 0.3736



46.8466, 0.4273, 0.4496



12.9783, 0.3284, 0.3356



10.7213, 0.6003, 0.3615



0.7859, 0.5658, 0.3889

Inverse Universe

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



36.0261, 0.2215, 0.2704



48.7889, 0.2095, 0.2559



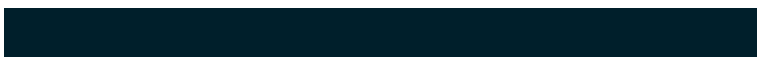
16.1673, 0.1955, 0.1615



13.4959, 0.2982, 0.3224



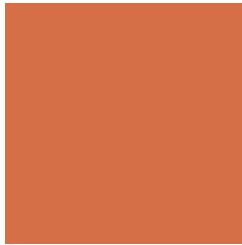
17.1662, 0.1990, 0.2364



1.1715, 0.2040, 0.2543

Previews

White Background



This preview shows how the Yxy color 25.8338, 0.4917, 0.3735 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 25.8338, 0.4917, 0.3735 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 25.8338, 0.4917, 0.3735

Background



This preview shows how black text looks on a background with the Yxy color 25.8338, 0.4917, 0.3735.



This preview shows how white text looks on a background with the Yxy color 25.8338, 0.4917, 0.3735.

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

25.8338, 0.4917, 0.3735

Protanopia

26.1377, 0.3881, 0.4220

Deuteranopia

25.9510, 0.4310, 0.4234



Tritanopia

25.7965, 0.4462, 0.3210

Trichromacy



Original Color

25.8338, 0.4917, 0.3735

Protanomaly

25.2492, 0.4262, 0.4033

Deuteranomaly

25.6617, 0.4543, 0.4033

Tritanomaly

25.7531, 0.4640, 0.3414

Monochromacy



Original Color

25.8338, 0.4917, 0.3735

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5231, 0.3741, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8338, 0.4917, 0.3735 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, 111, 72)` looks like.

```
.text, #text, p{  
    color:rgb(212, 111, 72)  
}
```

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, 111, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 111, 72) }
```

Border

The CSS property to change the border of an element to Yxy 25.8338, 0.4917, 0.3735 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, 111, 72) }
```

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

```
.border{ border-color:rgb(212, 111, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 111, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 111, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 111, 72);  
box-shadow:4px 4px 4px 4px rgb(212, 111,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8338, 0.4917, 0.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 111, 72) }
```

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

```
.background{ background-color: rgb(212,  
111, 72) }
```

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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