

Converting Colors

$Y_{xy}(25.5292, 0.5007, 0.3825)$

Have a look what the booklet for
Yxy(25.5292, 0.5007, 0.3825)
contains.

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Color

Yxy(25.5656, 0.5009, 0.3832)

Conversions

Conversions Part 1

Format	Color
Hex	D36F3E
RGB	211, 111, 62
RGB Percent	83%, 44%, 24%
CMY	0.1726, 0.5647, 0.7568
CMYK	0.00, 0.47, 0.71, 0.17
HSL	20°, 63%, 54%
HSV	20°, 71%, 83%
XYZ	33.4181, 25.5656, 7.7324
YIQ	135.3140, 75.3290, 5.9610

Conversions

Conversions Part 2

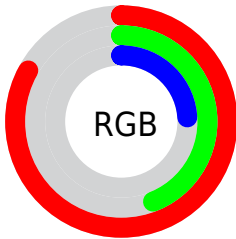
Format	Color
R _Y B	211, 135, 62
Decimal	13856574
CIE Lab	57.62, 35.56, 44.11
CIE LCh	58, 56.662, 51.126
Yxy	25.5656, 0.5009, 0.3832
Android (android.graphics.Color)	4292046654 (0xFFD36F3E)
YUV	135.3140, -36.1438, 66.3766
Hunter-Lab	50.5624, 29.4912, 26.3266

Details

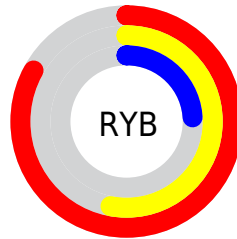
The Yxy color **25.5656, 0.5009, 0.3832** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **31.5702, 0.2141, 0.2535**, and the grayscale version is **24.4687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9808, 0.4481, 0.3821**, and **9.9459, 0.5581, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **22.5290, 0.5358, 0.3830**, and if you desaturate by 10%, it is **29.1847, 0.4652, 0.3794**.

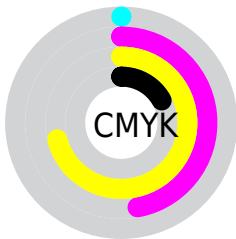
Distribution



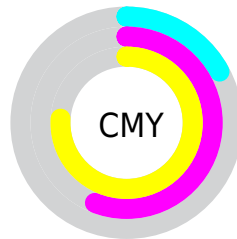
- Red (83%)
- Green (44%)
- Blue (24%)



- Red (83%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (47%)
- Yellow (71%)
- Black (17%)





- Cyan (17%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5656, 0.5009, 0.3832 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 25.5656, 0.5009, 0.3832 by changing the saturation by 10% instead.


 25.5656, 0.5009,
0.3832


 25.5656, 0.5009,
0.3832


280.6431, 0.3998,
0.3629


 16.4989, 0.5264,
0.3842

 52.5733, 0.4634,
0.3784

 9.8779, 0.5582,
0.3823


 71.2832, 0.4495,
0.3758


 5.3181, 0.6044,
0.3782


 93.9762, 0.4378,
0.3732

 2.4351, 0.6474,
0.3526

 121.0368, 0.4278,
0.3708

 0.8438, 0.7003,
0.2997

 152.8494, 0.4193,
0.3686

 0.0000, 1.0000,
0.0000

 189.7984, 0.4119,

 0.0000, 0.0000,

0.3665

0.0000

232.2682, 0.4055,
0.3646

■ 25.5656, 0.5009,
0.3832

■ 25.5656, 0.5009,
0.3832

■ 22.5290, 0.5358,
0.3830

■ 29.1847, 0.4652,
0.3794

■ 20.0368, 0.5668,
0.3778

■ 33.4132, 0.4312,
0.3728

■ 18.1527, 0.5904,
0.3694

■ 38.2807, 0.4005,
0.3645

■ 43.8137, 0.3735,
0.3555

■ 50.0370, 0.3502,
0.3465

■ 56.9742, 0.3304,
0.3377

■ 64.6476, 0.3137,
0.3295

■ 73.0785, 0.2995,
0.3218

■ 82.2874, 0.2875,
0.3148

Harmonies

Analogous

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



25.5656, 0.4787, 0.3172



25.5656, 0.5009, 0.3832



25.5656, 0.4642, 0.4502

Triad

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



25.5656, 0.5009, 0.3832



25.5656, 0.2203, 0.4149



25.5656, 0.2187, 0.1908

Complementary

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



25.5656, 0.5009, 0.3832



31.5702, 0.2141, 0.2535

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.



25.5656, 0.1703, 0.1948



25.5656, 0.5009, 0.3832



25.5656, 0.1691, 0.3073

Square

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



25.5656, 0.5009, 0.3832



25.5656, 0.3014, 0.4968



25.5656, 0.1537, 0.2310



25.5656, 0.2995, 0.2133

Rectangle

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



25.5656, 0.5009, 0.3832



25.5656, 0.4176, 0.4881



25.5656, 0.1537, 0.2310



25.5656, 0.1989, 0.1890

Sweetspot

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



25.5670, 0.5009, 0.3832



76.1925, 0.3515, 0.3470



19.9692, 0.3823, 0.2164



15.7183, 0.3577, 0.3496



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.



25.5670, 0.5009, 0.3832



32.4517, 0.5530, 0.3809



48.3468, 0.4280, 0.4618



12.4342, 0.3282, 0.3367



11.1231, 0.5877, 0.3715



0.7659, 0.5516, 0.4002

Inverse Universe

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



31.5702, 0.2141, 0.2535



41.8026, 0.2013, 0.2342



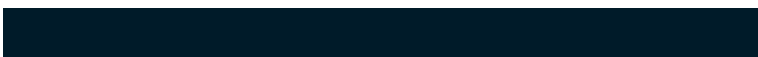
12.9270, 0.1855, 0.1383



12.7245, 0.2983, 0.3212



14.6386, 0.1941, 0.2186



0.9602, 0.2004, 0.2412

Previews

White Background



This preview shows how the Yxy color 25.5656, 0.5009, 0.3832 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 25.5656, 0.5009, 0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

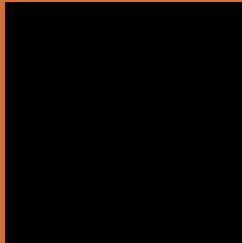
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5656, 0.5009, 0.3832

Background



This preview shows how black text looks on a background with the Yxy color 25.5656, 0.5009, 0.3832.



This preview shows how white text looks on a background with the Yxy color 25.5656, 0.5009, 0.3832.

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

25.5656, 0.5009, 0.3832

Protanopia

25.6925, 0.3992, 0.4363

Deuteranopia

25.6822, 0.4418, 0.4327



Tritanopia

25.5915, 0.4469, 0.3198

Trichromacy



Original Color

25.5656, 0.5009, 0.3832

Protanomaly

25.1165, 0.4363, 0.4159

Deuteranomaly

25.2959, 0.4647, 0.4126

Tritanomaly

25.4697, 0.4700, 0.3448

Monochromacy



Original Color

25.5656, 0.5009, 0.3832

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7909, 0.3800, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5656, 0.5009, 0.3832 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(211, 111, 62)` looks like.

```
.text, #text, p{  
    color:rgb(211, 111, 62)  
}
```

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(211, 111, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 111, 62) }
```

Border

The CSS property to change the border of an element to Yxy 25.5656, 0.5009, 0.3832 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(211, 111, 62) }
```

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

```
.border{ border-color:rgb(211, 111, 62) }
```

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

Here you see how a box with a 4 pixel rgb(211, 111, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 111, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 111, 62);  
box-shadow:4px 4px 4px 4px rgb(211, 111,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5656, 0.5009, 0.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 111, 62) }
```

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

```
.background{ background-color: rgb(211,  
111, 62) }
```

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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