

Converting Colors

$Y_{xy}(25.8081, 0.5265, 0.3950)$

Have a look what the booklet for
Yxy(25.8081, 0.5265, 0.3950)
contains.

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Color

Yxy(25.8355, 0.5270, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	D96D27
RGB	217, 109, 39
RGB Percent	85%, 43%, 15%
CMY	0.1490, 0.5725, 0.8472
CMYK	0.00, 0.50, 0.82, 0.15
HSL	24°, 70%, 50%
HSV	24°, 82%, 85%
XYZ	34.4517, 25.8355, 5.0860
YIQ	133.3120, 86.8380, 1.1260

Conversions

Conversions Part 2

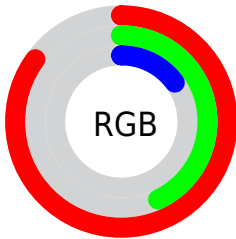
Format	Color
R_{YB}	217, 154, 39
Decimal	14249255
CIE _{Lab}	57.88, 38.05, 55.35
CIE _{LCh}	58, 67.169, 55.494
Yxy	25.8355, 0.5270, 0.3952
Android (android.graphics.Color)	4292439335 (0xFFD96D27)
YUV	133.3120, -46.4958, 73.3944
Hunter-Lab	50.8286, 32.0373, 29.6473

Details

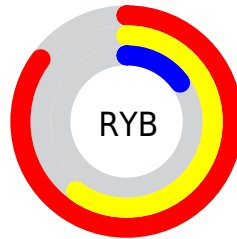
The Yxy color **25.8355, 0.5270, 0.3952** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **26.2956, 0.1990, 0.2199**, and the grayscale version is **23.7234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8388, 0.4675, 0.3993**, and **9.9947, 0.5745, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **23.1306, 0.5547, 0.3901**, and if you desaturate by 10%, it is **29.0460, 0.4955, 0.3950**.

Distribution



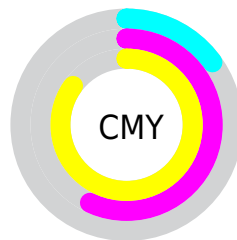
- Red (85%)
- Green (43%)
- Blue (15%)



- Red (85%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (82%)
- Black (15%)





- Cyan (15%)
- Magenta (57%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8355, 0.5270, 0.3952 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 25.8355, 0.5270, 0.3952 by changing the saturation by 10% instead.


 25.8355, 0.5270,
0.3952


 25.8355, 0.5270,
0.3952


281.9736, 0.4153,
0.3733


 16.7006, 0.5527,
0.3944


 53.0094, 0.4872,
0.3914


 10.0213, 0.5835,
0.3894


 71.8173, 0.4718,
0.3886

 5.4131, 0.6222,
0.3778

 94.6183, 0.4587,
0.3858

 2.4916, 0.6556,
0.3444

 121.7967, 0.4475,
0.3830

 0.8724, 0.7095,
0.2905

 153.7371, 0.4378,
0.3803

 0.0000, 1.0000,
0.0000

 190.8238, 0.4293,

 0.0000, 0.0000,

0.3778

0.0000

233.4412, 0.4219,
0.3755

■ 25.8355, 0.5270,
0.3952

■ 25.8355, 0.5270,
0.3952

■ 23.1306, 0.5547,
0.3901

■ 29.0460, 0.4955,
0.3950

■ 21.3091, 0.5733,
0.3830

■ 32.7875, 0.4628,
0.3904

■ 37.0883, 0.4310,
0.3826

■ 41.9728, 0.4018,
0.3728

■ 47.4638, 0.3756,
0.3622

■ 53.5828, 0.3527,
0.3514

■ 60.3502, 0.3329,
0.3409

■ 67.7852, 0.3159,
0.3310

■ 75.9063, 0.3014,
0.3217

Harmonies

Analogous

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



25.8355, 0.5161, 0.3219



25.8355, 0.5270, 0.3952



25.8355, 0.4722, 0.4729

Triad

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



25.8355, 0.5270, 0.3952



25.8355, 0.1929, 0.4120



25.8355, 0.2151, 0.1744

Complementary

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



25.8355, 0.5270, 0.3952



26.2956, 0.1990, 0.2199

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.



25.8355, 0.1567, 0.1733



25.8355, 0.5270, 0.3952



25.8355, 0.1435, 0.2844

Square

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



25.8355, 0.5270, 0.3952



25.8355, 0.2804, 0.5231



25.8355, 0.1334, 0.2056



25.8355, 0.3123, 0.2032

Rectangle

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



25.8355, 0.5270, 0.3952



25.8355, 0.4142, 0.5186



25.8355, 0.1334, 0.2056



25.8355, 0.1913, 0.1708

Sweetspot

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



25.8369, 0.5270, 0.3952



74.3135, 0.3596, 0.3548



18.3631, 0.4179, 0.2208



15.2367, 0.3677, 0.3587



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.



25.8369, 0.5270, 0.3952



31.0540, 0.5704, 0.3838



54.4857, 0.4312, 0.4816



13.8877, 0.3282, 0.3382



13.0905, 0.5707, 0.3850



1.0130, 0.5407, 0.4089

Inverse Universe

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



26.2956, 0.1990, 0.2199



31.2611, 0.1877, 0.1949



8.6437, 0.1660, 0.0959



13.9249, 0.2982, 0.3196



13.1731, 0.1876, 0.1953



1.0195, 0.1943, 0.2194

Previews

White Background



This preview shows how the Yxy color 25.8355, 0.5270, 0.3952 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 25.8355, 0.5270, 0.3952 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 25.8355, 0.5270, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 25.8355, 0.5270, 0.3952.



This preview shows how white text looks on a background with the Yxy color 25.8355, 0.5270, 0.3952.

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

25.8355, 0.5270, 0.3952

Protanopia

26.0293, 0.4207, 0.4640

Deuteranopia

25.8213, 0.4631, 0.4534



Tritanopia

25.8225, 0.4608, 0.3214

Trichromacy



Original Color

25.8355, 0.5270, 0.3952

Protanomaly

25.3473, 0.4607, 0.4379

Deuteranomaly

25.6015, 0.4875, 0.4308

Tritanomaly

25.8033, 0.4903, 0.3528

Monochromacy



Original Color

25.8355, 0.5270, 0.3952

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.2087, 0.3934, 0.3686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8355, 0.5270, 0.3952 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(217, 109, 39)` looks like.

```
.text, #text, p{  
    color:rgb(217, 109, 39)  
}
```

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(217, 109, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 109, 39) }
```

Border

The CSS property to change the border of an element to Yxy 25.8355, 0.5270, 0.3952 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(217, 109, 39) }
```

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

```
.border{ border-color:rgb(217, 109, 39) }
```

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

Here you see how a box with a 4 pixel rgb(217, 109, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 109, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 109, 39);  
box-shadow:4px 4px 4px 4px rgb(217, 109,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8355, 0.5270, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 109, 39) }
```

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

```
.background{ background-color: rgb(217,  
109, 39) }
```

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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