

Converting Colors

$Yxy(25.4654, 0.5184, 0.3969)$

Have a look what the booklet for
Yxy(25.4654, 0.5184, 0.3969)
contains.

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Color

Yxy(25.5403, 0.5177, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	D46F2B
RGB	212, 111, 43
RGB Percent	83%, 44%, 17%
CMY	0.1686, 0.5647, 0.8316
CMYK	0.00, 0.48, 0.80, 0.17
HSL	24°, 66%, 50%
HSV	24°, 80%, 83%
XYZ	33.2718, 25.5403, 5.4564
YIQ	133.4470, 82.0240, 0.2640

Conversions

Conversions Part 2

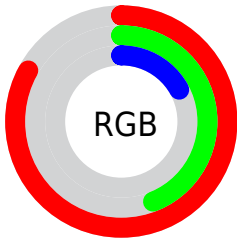
Format	Color
R _Y B	212, 157, 43
Decimal	13922091
CIE Lab	57.60, 35.15, 53.16
CIE LCh	58, 63.728, 56.525
Yxy	25.5403, 0.5177, 0.3974
Android (android.graphics.Color)	4292112171 (0xFFD46F2B)
YUV	133.4470, -44.5904, 68.8910
Hunter-Lab	50.5374, 29.0768, 28.9748

Details

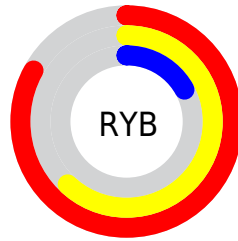
The Yxy color **25.5403, 0.5177, 0.3974** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **25.1958, 0.2004, 0.2210**, and the grayscale version is **23.7697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6191, 0.4628, 0.3980**, and **9.9168, 0.5659, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **22.8536, 0.5461, 0.3938**, and if you desaturate by 10%, it is **28.7024, 0.4861, 0.3959**.

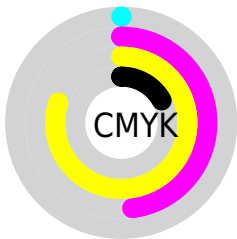
Distribution



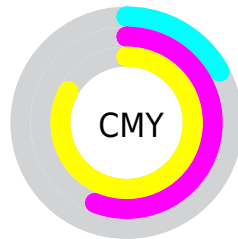
- Red (83%)
- Green (44%)
- Blue (17%)



- Red (83%)
- Yellow (62%)
- Blue (17%)



- Cyan (0%)
- Magenta (48%)
- Yellow (80%)
- Black (17%)




- Cyan (17%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5403, 0.5177, 0.3974 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 25.5403, 0.5177, 0.3974 by changing the saturation by 10% instead.


 25.5403, 0.5177,
0.3974


 25.5403, 0.5177,
0.3974


280.5181, 0.4101,
0.3729


 16.4801, 0.5430,
0.3978


 52.5324, 0.4790,
0.3922

 9.8645, 0.5731,
0.3943


 71.2330, 0.4642,
0.3890


 5.3092, 0.6139,
0.3861

 93.9159, 0.4516,
0.3859

 2.4298, 0.6459,
0.3541

 120.9655, 0.4408,
0.3829

 0.8412, 0.6986,
0.3014

 152.7661, 0.4315,
0.3801

 0.0000, 1.0000,
0.0000

 189.7021, 0.4235,

 0.0000, 0.0000,

0.3775

0.0000

232.1580, 0.4164,
0.3751

■ 25.5403, 0.5177,
0.3974

■ 25.5403, 0.5177,
0.3974

■ 22.8536, 0.5461,
0.3938

■ 28.7024, 0.4861,
0.3959

■ 20.6025, 0.5699,
0.3855

■ 32.3622, 0.4540,
0.3901

■ 20.5494, 0.5705,
0.3853

■ 36.5451, 0.4232,
0.3816

■ 41.2731, 0.3949,
0.3713

■ 46.5668, 0.3697,
0.3604

■ 52.4455, 0.3477,
0.3494

■ 58.9276, 0.3287,
0.3388

■ 66.0307, 0.3123,
0.3288

■ 73.7714, 0.2983,
0.3195

Harmonies

Analogous

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



25.5403, 0.5085, 0.3259



25.5403, 0.5177, 0.3974



25.5403, 0.4648, 0.4716

Triad

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



25.5403, 0.5177, 0.3974



25.5403, 0.1960, 0.4035



25.5403, 0.2218, 0.1803

Complementary

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



25.5403, 0.5177, 0.3974



25.1958, 0.2004, 0.2210

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.



25.5403, 0.1636, 0.1786



25.5403, 0.5177, 0.3974



25.5403, 0.1489, 0.2839

Square

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



25.5403, 0.5177, 0.3974



25.5403, 0.2798, 0.5103



25.5403, 0.1398, 0.2093



25.5403, 0.3165, 0.2092

Rectangle

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



25.5403, 0.5177, 0.3974



25.5403, 0.4089, 0.5132



25.5403, 0.1398, 0.2093



25.5403, 0.1983, 0.1766

Sweetspot

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



25.5417, 0.5177, 0.3974



75.5163, 0.3572, 0.3543



17.7467, 0.4185, 0.2245



15.4846, 0.3653, 0.3583



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.



25.5417, 0.5177, 0.3974



32.1667, 0.5635, 0.3878



53.2454, 0.4267, 0.4821



13.2333, 0.3281, 0.3384



12.8704, 0.5680, 0.3872



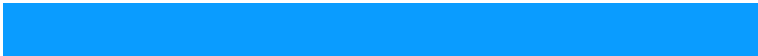
0.9362, 0.5365, 0.4122

Inverse Universe

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



25.1958, 0.2004, 0.2210



31.2135, 0.1879, 0.1946



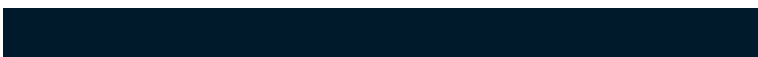
8.4824, 0.1682, 0.0985



13.2301, 0.2982, 0.3194



12.4509, 0.1867, 0.1922



0.9113, 0.1940, 0.2184

Previews

White Background



This preview shows how the Yxy color 25.5403, 0.5177, 0.3974 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 25.5403, 0.5177, 0.3974 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 25.5403, 0.5177, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 25.5403, 0.5177, 0.3974.



This preview shows how white text looks on a background with the Yxy color 25.5403, 0.5177, 0.3974.

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

25.5403, 0.5177, 0.3974

Protanopia

25.6641, 0.4185, 0.4605

Deuteranopia

25.7378, 0.4591, 0.4504



Tritanopia

25.4954, 0.4514, 0.3211

Trichromacy



Original Color

25.5403, 0.5177, 0.3974

Protanomaly

25.1359, 0.4564, 0.4367

Deuteranomaly

25.2466, 0.4816, 0.4297

Tritanomaly

25.4834, 0.4812, 0.3537

Monochromacy



Original Color

25.5403, 0.5177, 0.3974

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.2687, 0.3891, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5403, 0.5177, 0.3974 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, 43)` looks like.

```
.text, #text, p{  
    color:rgb(212, 111, 43)  
}
```

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, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 111, 43) }
```

Border

The CSS property to change the border of an element to Yxy 25.5403, 0.5177, 0.3974 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, 43) }
```

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

```
.border{ border-color:rgb(212, 111, 43) }
```

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, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 111, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 111, 43);  
box-shadow:4px 4px 4px 4px rgb(212, 111,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5403, 0.5177, 0.3974 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, 43) }
```

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

```
.background{ background-color: rgb(212,  
111, 43) }
```

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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