

Converting Colors

$Yxy(24.8521, 0.5184, 0.3845)$

Have a look what the booklet for
Yxy(24.8521, 0.5184, 0.3845)
contains.

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Color

Yxy(24.8521, 0.5184, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	D66A34
RGB	214, 106, 52
RGB Percent	84%, 42%, 20%
CMY	0.1608, 0.5843, 0.7962
CMYK	0.00, 0.50, 0.76, 0.16
HSL	20°, 66%, 52%
HSV	20°, 76%, 84%
XYZ	33.5067, 24.8521, 6.2760
YIQ	132.1360, 81.7020, 6.1020

Conversions

Conversions Part 2

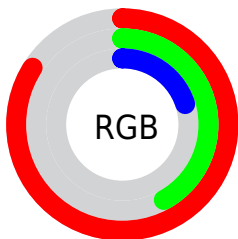
Format	Color
R _Y B	214, 133, 52
Decimal	14051892
CIE Lab	56.93, 38.85, 48.49
CIE LCh	57, 62.133, 51.294
Yxy	24.8521, 0.5184, 0.3845
Android (android.graphics.Color)	4292241972 (0xFFD66A34)
YUV	132.1360, -39.5070, 71.7947
Hunter-Lab	49.8519, 32.7336, 27.4321

Details

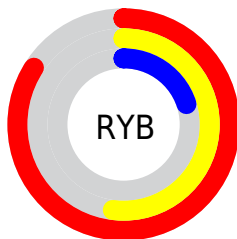
The Yxy color **24.8521, 0.5184, 0.3845** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **30.7182, 0.2089, 0.2457**, and the grayscale version is **23.2489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0156, 0.4603, 0.3862**, and **9.5047, 0.5783, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **22.0028, 0.5515, 0.3819**, and if you desaturate by 10%, it is **28.2805, 0.4829, 0.3826**.

Distribution



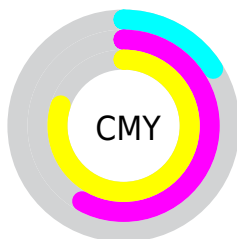
- Red (84%)
- Green (42%)
- Blue (20%)



- Red (84%)
- Yellow (52%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8521, 0.5184, 0.3845 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 24.8521, 0.5184, 0.3845 by changing the saturation by 10% instead.

 24.8521, 0.5184,
0.3845


 24.8521, 0.5184,
0.3845


277.1006, 0.4086,
0.3658


 15.9669, 0.5453,
0.3840


 51.4172, 0.4782,
0.3811

 9.5007, 0.5780,
0.3794


 69.8659, 0.4630,
0.3787


 5.0692, 0.6274,
0.3726

 92.2711, 0.4503,
0.3762

 2.2879, 0.6626,
0.3374

 119.0174, 0.4394,
0.3739

 0.7673, 0.7212,
0.2788

 150.4891, 0.4301,
0.3716

 0.0000, 1.0000,
0.0000

 187.0706, 0.4220,

 0.0000, 0.0000,

0.3695

0.0000

229.1463, 0.4149,
0.3676

■ 24.8521, 0.5184,
0.3845

■ 24.8521, 0.5184,
0.3845

■ 22.0028, 0.5515,
0.3819

■ 28.2805, 0.4829,
0.3826

■ 19.6915, 0.5791,
0.3742

■ 32.3168, 0.4480,
0.3771

■ 18.8499, 0.5894,
0.3702

■ 36.9927, 0.4156,
0.3695

■ 42.3359, 0.3867,
0.3606

■ 48.3726, 0.3616,
0.3514

■ 55.1274, 0.3401,
0.3423

■ 62.6237, 0.3219,
0.3337

■ 70.8837, 0.3064,
0.3256

■ 79.9287, 0.2933,
0.3182

Harmonies

Analogous

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



24.8521, 0.4963, 0.3145



24.8521, 0.5184, 0.3845



24.8521, 0.4754, 0.4578

Triad

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



24.8521, 0.5184, 0.3845



24.8521, 0.2100, 0.4242



24.8521, 0.2104, 0.1798

Complementary

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



24.8521, 0.5184, 0.3845



30.7182, 0.2089, 0.2457

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.



24.8521, 0.1590, 0.1832



24.8521, 0.5184, 0.3845



24.8521, 0.1563, 0.3028

Square

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



24.8521, 0.5184, 0.3845



24.8521, 0.2973, 0.5170



24.8521, 0.1410, 0.2204



24.8521, 0.2981, 0.2039

Rectangle

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



24.8521, 0.5184, 0.3845



24.8521, 0.4236, 0.5016



24.8521, 0.1410, 0.2204



24.8521, 0.1893, 0.1777

Sweetspot

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



24.8535, 0.5184, 0.3845



74.3255, 0.3559, 0.3491



19.2886, 0.3935, 0.2150



15.1609, 0.3643, 0.3525



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.



24.8535, 0.5184, 0.3845



30.4989, 0.5694, 0.3777



50.0864, 0.4323, 0.4694



13.0906, 0.3283, 0.3368



11.5644, 0.5867, 0.3723



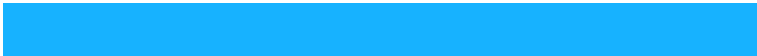
0.8476, 0.5529, 0.3992

Inverse Universe

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



30.7182, 0.2089, 0.2457



39.0925, 0.1972, 0.2251



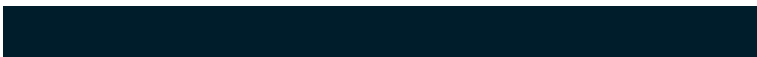
11.1733, 0.1768, 0.1209



13.3777, 0.2982, 0.3210



14.9421, 0.1936, 0.2168



1.0506, 0.1996, 0.2385

Previews

White Background



This preview shows how the Yxy color 24.8521, 0.5184, 0.3845 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 24.8521, 0.5184, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

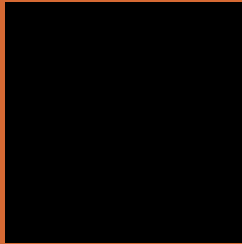
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8521, 0.5184, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 24.8521, 0.5184, 0.3845.



This preview shows how white text looks on a background with the Yxy color 24.8521, 0.5184, 0.3845.

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

24.8521, 0.5184, 0.3845

Protanopia

24.9036, 0.4085, 0.4474

Deuteranopia

24.9254, 0.4520, 0.4424



Tritanopia

24.9276, 0.4618, 0.3213

Trichromacy



Original Color

24.8521, 0.5184, 0.3845

Protanomaly

24.3412, 0.4499, 0.4227

Deuteranomaly

24.4529, 0.4774, 0.4190

Tritanomaly

24.7898, 0.4863, 0.3465

Monochromacy



Original Color

24.8521, 0.5184, 0.3845

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.8266, 0.3865, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8521, 0.5184, 0.3845 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(214, 106, 52)` looks like.

```
.text, #text, p{  
    color:rgb(214, 106, 52)  
}
```

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(214, 106, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 106, 52) }
```

Border

The CSS property to change the border of an element to Yxy 24.8521, 0.5184, 0.3845 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(214, 106, 52) }
```

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

```
.border{ border-color:rgb(214, 106, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 106, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 106, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 106, 52);  
box-shadow:4px 4px 4px 4px rgb(214, 106,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8521, 0.5184, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 106, 52) }
```

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

```
.background{ background-color: rgb(214,  
106, 52) }
```

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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