

Converting Colors

$Yxy(21.4844, 0.5299, 0.3763)$

Have a look what the booklet for
Yxy(21.4844, 0.5299, 0.3763)
contains.

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Color

Yxy(21.4842, 0.5301, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	CF5E30
RGB	207, 94, 48
RGB Percent	81%, 37%, 19%
CMY	0.1883, 0.6313, 0.8119
CMYK	0.00, 0.55, 0.77, 0.19
HSL	17°, 62%, 50%
HSV	17°, 77%, 81%
XYZ	30.2651, 21.4842, 5.3439
YIQ	122.5430, 82.1140, 9.6500

Conversions

Conversions Part 2

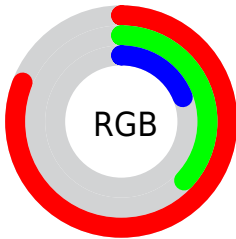
Format	Color
R_{YB}	207, 113, 48
Decimal	13590064
CIE _{Lab}	53.48, 41.97, 46.56
CIE _{LCh}	53, 62.684, 47.968
Yxy	21.4842, 0.5301, 0.3763
Android (android.graphics.Color)	4291780144 (0xFFCF5E30)
YUV	122.5430, -36.7497, 74.0688
Hunter-Lab	46.3511, 35.4381, 25.6100

Details

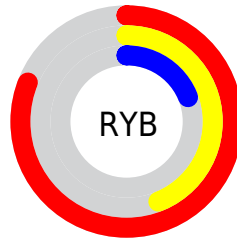
The Yxy color **21.4842, 0.5301, 0.3763** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **30.5978, 0.2111, 0.2562**, and the grayscale version is **19.7526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9905, 0.4739, 0.3785**, and **7.7669, 0.5960, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **18.9814, 0.5645, 0.3727**, and if you desaturate by 10%, it is **24.5673, 0.4927, 0.3755**.

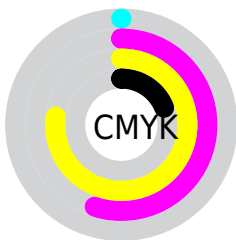
Distribution



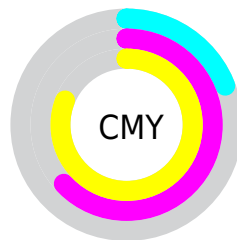
- Red (81%)
- Green (37%)
- Blue (19%)



- Red (81%)
- Yellow (44%)
- Blue (19%)



- Cyan (0%)
- Magenta (55%)
- Yellow (77%)
- Black (19%)





- Cyan (19%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4842, 0.5301, 0.3763 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 21.4842, 0.5301, 0.3763 by changing the saturation by 10% instead.


 21.4842, 0.5301,
0.3763


 21.4842, 0.5301,
0.3763


259.8407, 0.4115,
0.3624

 13.4784, 0.5599,
0.3738


 45.8920, 0.4860,
0.3750


 7.7588, 0.5969,
0.3663


 63.0628, 0.4695,
0.3733

 3.9410, 0.6481,
0.3519


 84.0573, 0.4558,
0.3714

 1.6406, 0.6912,
0.3088

 109.2601, 0.4441,
0.3694

 0.3847, 0.7978,
0.2022

 139.0554, 0.4342,
0.3675

 0.0000, 1.0000,
0.0000

 173.8277, 0.4256,

 0.0000, 0.0000,

0.3657

0.0000

213.9613, 0.4180,
0.3640

■ 21.4842, 0.5301,
0.3763

■ 21.4842, 0.5301,
0.3763

■ 18.9814, 0.5645,
0.3727

■ 24.5673, 0.4927,
0.3755

■ 17.0140, 0.5922,
0.3646


■ 28.2630, 0.4557,
0.3714


■ 16.4896, 0.6000,
0.3618

■ 32.6052, 0.4215,
0.3650


■ 37.6242, 0.3911,
0.3574

■ 43.3482, 0.3649,
0.3494

 49.8038, 0.3426,
0.3415

 57.0160, 0.3238,
0.3339

 65.0087, 0.3080,
0.3268

 73.8049, 0.2947,
0.3203

Harmonies

Analogous

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



21.4842, 0.4995, 0.3048



21.4842, 0.5301, 0.3763



21.4842, 0.4895, 0.4531

Triad

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



21.4842, 0.5301, 0.3763



21.4842, 0.2127, 0.4448



21.4842, 0.1975, 0.1723

Complementary

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



21.4842, 0.5301, 0.3763



30.5978, 0.2111, 0.2562

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.



21.4842, 0.1486, 0.1788



21.4842, 0.5301, 0.3763



21.4842, 0.1529, 0.3131

Square

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



21.4842, 0.5301, 0.3763



21.4842, 0.3060, 0.5345



21.4842, 0.1337, 0.2212



21.4842, 0.2849, 0.1943

Rectangle

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



21.4842, 0.5301, 0.3763



21.4842, 0.4368, 0.5020



21.4842, 0.1337, 0.2212



21.4842, 0.1771, 0.1711

Sweetspot

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



21.4854, 0.5301, 0.3763



73.0191, 0.3565, 0.3465



17.9806, 0.3821, 0.2063



14.8499, 0.3651, 0.3495



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.



21.4854, 0.5301, 0.3763



28.3479, 0.5828, 0.3680



43.1846, 0.4409, 0.4631



12.3581, 0.3283, 0.3358



10.5329, 0.5975, 0.3638



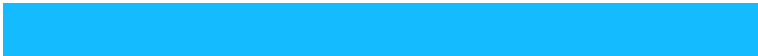
0.7258, 0.5607, 0.3930

Inverse Universe

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



30.5978, 0.2111, 0.2562



42.9377, 0.2007, 0.2385



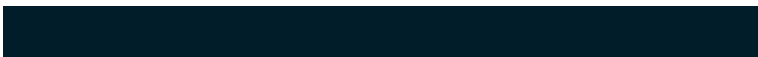
11.2298, 0.1782, 0.1289



12.8045, 0.2983, 0.3221



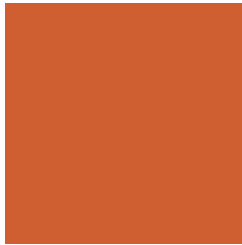
16.1652, 0.1979, 0.2326



1.0366, 0.2034, 0.2523

Previews

White Background



This preview shows how the Yxy color 21.4842, 0.5301, 0.3763 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 21.4842, 0.5301, 0.3763 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 21.4842, 0.5301, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 21.4842, 0.5301, 0.3763.



This preview shows how white text looks on a background with the Yxy color 21.4842, 0.5301, 0.3763.

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

21.4842, 0.5301, 0.3763

Protanopia

21.4946, 0.4070, 0.4455

Deuteranopia

21.6493, 0.4524, 0.4444



Tritanopia

21.5263, 0.4783, 0.3225

Trichromacy



Original Color

21.4842, 0.5301, 0.3763

Protanomaly

20.8641, 0.4543, 0.4187

Deuteranomaly

21.2277, 0.4831, 0.4170

Tritanomaly

21.4421, 0.4998, 0.3443

Monochromacy



Original Color

21.4842, 0.5301, 0.3763

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.3029, 0.3917, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4842, 0.5301, 0.3763 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(207, 94, 48)` looks like.

```
.text, #text, p{  
    color:rgb(207, 94, 48)  
}
```

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(207, 94, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 94, 48) }
```

Border

The CSS property to change the border of an element to Yxy 21.4842, 0.5301, 0.3763 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(207, 94, 48) }
```

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

```
.border{ border-color:rgb(207, 94, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 94, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 94, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 94, 48);  
box-shadow:4px 4px 4px 4px rgb(207, 94,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4842, 0.5301, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 94, 48) }
```

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

```
.background{ background-color: rgb(207, 94,  
48) }
```

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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