

Converting Colors

$Y_{xy}(18.2166, 0.5046, 0.3751)$

Have a look what the booklet for
Yxy(18.2166, 0.5046, 0.3751)
contains.

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Color

Yxy(18.2444, 0.5045, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	B95C37
RGB	185, 92, 55
RGB Percent	73%, 36%, 22%
CMY	0.2745, 0.6392, 0.7843
CMYK	0.00, 0.50, 0.70, 0.27
HSL	17°, 54%, 47%
HSV	17°, 70%, 73%
XYZ	24.5252, 18.2444, 5.8433
YIQ	115.5890, 67.3050, 8.2090

Conversions

Conversions Part 2

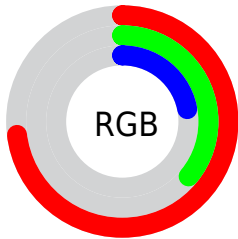
Format	Color
R_{YB}	185, 107, 55
Decimal	12147767
CIE _{Lab}	49.79, 34.74, 37.99
CIE _{LCh}	50, 51.479, 47.566
Yxy	18.2444, 0.5045, 0.3753
Android (android.graphics.Color)	4290337847 (0xFFB95C37)
YUV	115.5890, -29.8704, 60.8734
Hunter-Lab	42.7135, 27.7424, 21.7885

Details

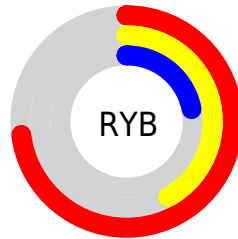
The Yxy color **18.2444, 0.5045, 0.3753** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **25.4958, 0.2176, 0.2652**, and the grayscale version is **17.4109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5186, 0.4629, 0.3719**, and **6.1113, 0.5736, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **16.0038, 0.5413, 0.3748**, and if you desaturate by 10%, it is **20.9541, 0.4671, 0.3721**.

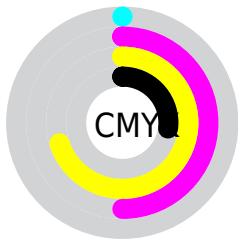
Distribution



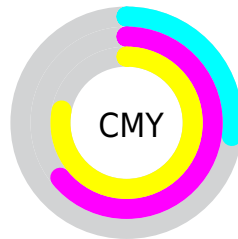
- Red (73%)
- Green (36%)
- Blue (22%)



- Red (73%)
- Yellow (42%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (70%)
- Black (27%)





- Cyan (27%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2444, 0.5045, 0.3753 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 18.2444, 0.5045, 0.3753 by changing the saturation by 10% instead.


 18.2444, 0.5045,
0.3753


 18.2444, 0.5045,
0.3753


242.2450, 0.3956,
0.3578


 11.1256, 0.5344,
0.3751


 40.4533, 0.4624,
0.3716


 6.1514, 0.5730,
0.3707

 56.3123, 0.4472,
0.3693

 2.9373, 0.6361,
0.3639

 75.8533, 0.4347,
0.3670

 1.0991, 0.6824,
0.3176

 99.4610, 0.4243,
0.3648

 0.0000, 1.0000,
0.0000

 127.5196, 0.4155,
0.3628

 0.0000, 0.0000,
0.0000

 160.4135, 0.4079,

0.3610

198.5272, 0.4014,
0.3593

■ 18.2444, 0.5045,
0.3753

■ 18.2444, 0.5045,
0.3753

■ 16.0038, 0.5413,
0.3748

■ 20.9541, 0.4671,
0.3721

■ 14.2006, 0.5741,
0.3699

■ 24.1559, 0.4320,
0.3665

■ 12.8298, 0.5999,
0.3619

■ 27.8747, 0.4004,
0.3593

■ 32.1329, 0.3730,
0.3516

■ 36.9512, 0.3495,
0.3438

■ 42.3496, 0.3298,
0.3363

■ 48.3468, 0.3131,
0.3292

■ 54.9606, 0.2991,
0.3226

■ 62.2084, 0.2874,
0.3167

Harmonies

Analogous

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



18.2444, 0.4744, 0.3092



18.2444, 0.5045, 0.3753



18.2444, 0.4730, 0.4436

Triad

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



18.2444, 0.5045, 0.3753



18.2444, 0.2273, 0.4293



18.2444, 0.2098, 0.1881

Complementary

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



18.2444, 0.5045, 0.3753



25.4958, 0.2176, 0.2652

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.



18.2444, 0.1648, 0.1955



18.2444, 0.5045, 0.3753



18.2444, 0.1713, 0.3187

Square

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



18.2444, 0.5045, 0.3753



18.2444, 0.3116, 0.5048



18.2444, 0.1517, 0.2363



18.2444, 0.2880, 0.2078

Rectangle

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



18.2444, 0.5045, 0.3753



18.2444, 0.4280, 0.4842



18.2444, 0.1517, 0.2363



18.2444, 0.1911, 0.1873

Sweetspot

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



18.2454, 0.5045, 0.3753



65.2012, 0.3519, 0.3446



15.1908, 0.3737, 0.2124



13.5319, 0.3580, 0.3467



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.2454, 0.5045, 0.3753



26.9188, 0.5588, 0.3729



34.6495, 0.4309, 0.4562



9.4174, 0.3281, 0.3356



8.8449, 0.5976, 0.3637



0.4209, 0.5455, 0.4050

Inverse Universe

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



25.4958, 0.2176, 0.2652



40.3090, 0.2058, 0.2491



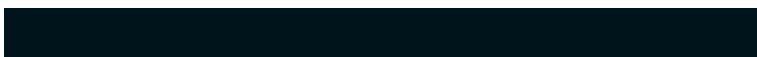
10.5275, 0.1888, 0.1479



9.7669, 0.2985, 0.3223



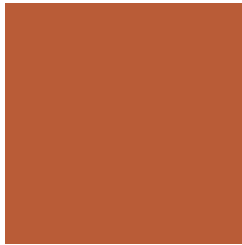
13.8146, 0.1986, 0.2350



0.5867, 0.2061, 0.2621

Previews

White Background



This preview shows how the Yxy color 18.2444, 0.5045, 0.3753 looks on a white 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

Black Background



This preview shows how the Yxy color 18.2444, 0.5045, 0.3753 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 18.2444, 0.5045, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 18.2444, 0.5045, 0.3753.



This preview shows how white text looks on a background with the Yxy color 18.2444, 0.5045, 0.3753.

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

18.2444, 0.5045, 0.3753

Protanopia

18.3891, 0.3946, 0.4298

Deuteranopia

18.3364, 0.4388, 0.4304



Tritanopia

18.1715, 0.4576, 0.3213

Trichromacy



Original Color

18.2444, 0.5045, 0.3753

Protanomaly

17.8535, 0.4356, 0.4078

Deuteranomaly

17.9282, 0.4636, 0.4081

Tritanomaly

18.1484, 0.4765, 0.3427

Monochromacy



Original Color

18.2444, 0.5045, 0.3753

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.9863, 0.3792, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2444, 0.5045, 0.3753 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(185, 92, 55)` looks like.

```
.text, #text, p{  
  color:rgb(185, 92, 55)  
}
```

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(185, 92, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 92, 55) }
```

Border

The CSS property to change the border of an element to Yxy 18.2444, 0.5045, 0.3753 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(185, 92, 55) }
```

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

```
.border{ border-color:rgb(185, 92, 55) }
```

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

Here you see how a box with a 4 pixel rgb(185, 92, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 92, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 92, 55);  
box-shadow:4px 4px 4px 4px rgb(185, 92,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2444, 0.5045, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 92, 55) }
```

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

```
.background{ background-color: rgb(185, 92,  
55) }
```

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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