

Converting Colors

$Yxy(16.0201, 0.5269, 0.3491)$

Have a look what the booklet for
Yxy(16.0201, 0.5269, 0.3491)
contains.

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Color

Yxy(16.0118, 0.5270, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	BD4A39
RGB	189, 74, 57
RGB Percent	74%, 29%, 22%
CMY	0.2587, 0.7099, 0.7764
CMYK	0.00, 0.61, 0.70, 0.26
HSL	8°, 54%, 48%
HSV	8°, 70%, 74%
XYZ	24.1783, 16.0118, 5.6890
YIQ	106.4470, 73.9970, 19.0930

Conversions

Conversions Part 2

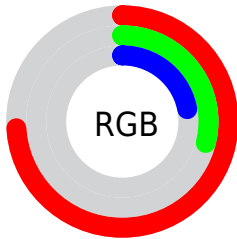
Format	Color
R_{YB}	189, 77, 57
Decimal	12405305
CIE _{Lab}	46.99, 45.30, 33.83
CIE _{LCh}	47, 56.542, 36.755
Yxy	16.0118, 0.5270, 0.3490
Android (android.graphics.Color)	4290595385 (0xFFBD4A39)
YUV	106.4470, -24.3774, 72.3990
Hunter-Lab	40.0147, 37.8300, 19.5809

Details

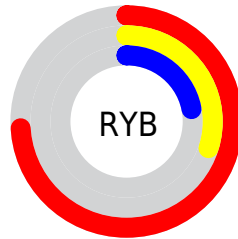
The Yxy color **16.0118, 0.5270, 0.3490** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **34.0715, 0.2267, 0.3013**, and the grayscale version is **14.5947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7079, 0.4780, 0.3514**, and **5.0971, 0.6097, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **13.9395, 0.5694, 0.3476**, and if you desaturate by 10%, it is **18.7320, 0.4832, 0.3483**.

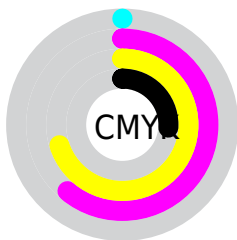
Distribution



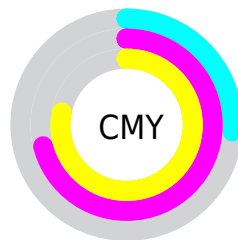
- Red (74%)
- Green (29%)
- Blue (22%)



- Red (74%)
- Yellow (30%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (70%)
- Black (26%)





- Cyan (26%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0118, 0.5270, 0.3490 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 16.0118, 0.5270, 0.3490 by changing the saturation by 10% instead.


 16.0118, 0.5270,
0.3490


 16.0118, 0.5270,
0.3490

229.4113, 0.4026,
0.3471


 9.5325, 0.5626,
0.3439


 36.6187, 0.4779,
0.3516


 5.0901, 0.6093,
0.3326

 51.5151, 0.4606,
0.3515


 2.3002, 0.6854,
0.3146

 69.9859, 0.4464,
0.3509

 0.7738, 0.7474,
0.2526

 92.4157, 0.4347,
0.3502

 0.0000, 1.0000,
0.0000

 119.1887, 0.4247,
0.3494

 0.0000, 0.0000,
0.0000

 150.6894, 0.4163,

0.3486

187.3021, 0.4090,
0.3478

■ 16.0118, 0.5270,
0.3490

■ 16.0118, 0.5270,
0.3490

■ 13.9395, 0.5694,
0.3476

■ 18.7320, 0.4832,
0.3483

■ 12.4581, 0.6045,
0.3438

■ 22.1453, 0.4421,
0.3460

■ 11.4993, 0.6286,
0.3389

■ 26.2961, 0.4060,
0.3428

■ 11.4874, 0.6289,
0.3388

■ 31.2242, 0.3755,
0.3392

■ 36.9668, 0.3502,
0.3356

■ 43.5582, 0.3294,
0.3322

■ 51.0313, 0.3125,
0.3290

■ 59.4167, 0.2986,
0.3260

■ 68.7440, 0.2872,
0.3233

Harmonies

Analogous

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



16.0118, 0.4678, 0.2800



16.0118, 0.5270, 0.3490



16.0118, 0.5106, 0.4239

Triad

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



16.0118, 0.5270, 0.3490



16.0118, 0.2453, 0.4881



16.0118, 0.1755, 0.1717

Complementary

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



16.0118, 0.5270, 0.3490



34.0715, 0.2267, 0.3013

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.



16.0118, 0.1399, 0.1904



16.0118, 0.5270, 0.3490



16.0118, 0.1709, 0.3603

Square

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



16.0118, 0.5270, 0.3490



16.0118, 0.3440, 0.5396



16.0118, 0.1372, 0.2496



16.0118, 0.2480, 0.1835

Rectangle

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



16.0118, 0.5270, 0.3490



16.0118, 0.4677, 0.4750



16.0118, 0.1372, 0.2496



16.0118, 0.1598, 0.1742

Sweetspot

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



16.0127, 0.5270, 0.3490



64.5528, 0.3537, 0.3362



16.7908, 0.3402, 0.1900



13.2532, 0.3603, 0.3372



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



16.0127, 0.5270, 0.3490



23.3739, 0.5900, 0.3458



29.4152, 0.4527, 0.4312



9.7288, 0.3285, 0.3320



7.7910, 0.6274, 0.3400



0.3705, 0.5920, 0.3682

Inverse Universe

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



34.0715, 0.2267, 0.3013



57.3490, 0.2179, 0.2943



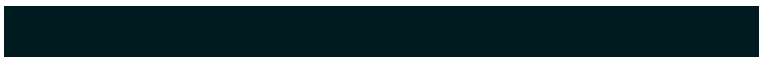
15.1902, 0.1985, 0.1861



10.5946, 0.2985, 0.3260



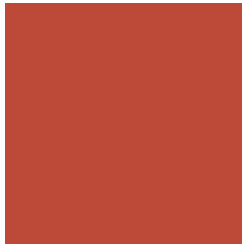
20.5854, 0.2134, 0.2884



0.8655, 0.2164, 0.2990

Previews

White Background



This preview shows how the Yxy color 16.0118, 0.5270, 0.3490 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 16.0118, 0.5270, 0.3490 looks on a black 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

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

Yxy 16.0118, 0.5270, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 16.0118, 0.5270, 0.3490.



This preview shows how white text looks on a background with the Yxy color 16.0118, 0.5270, 0.3490.

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

16.0118, 0.5270, 0.3490

Protanopia

16.1681, 0.3805, 0.4122

Deuteranopia

16.2346, 0.4337, 0.4272



Tritanopia

15.9754, 0.5021, 0.3235

Trichromacy



Original Color

16.0118, 0.5270, 0.3490

Protanomaly

15.2280, 0.4355, 0.3861

Deuteranomaly

15.6096, 0.4701, 0.3937

Tritanomaly

16.0116, 0.5124, 0.3331

Monochromacy



Original Color

16.0118, 0.5270, 0.3490

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.9442, 0.3887, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0118, 0.5270, 0.3490 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(189, 74, 57)` looks like.

```
.text, #text, p{  
    color:rgb(189, 74, 57)  
}
```

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(189, 74, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 74, 57) }
```

Border

The CSS property to change the border of an element to Yxy 16.0118, 0.5270, 0.3490 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(189, 74, 57) }
```

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

```
.border{ border-color:rgb(189, 74, 57) }
```

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

Here you see how a box with a 4 pixel rgb(189, 74, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 74, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 74, 57);  
box-shadow:4px 4px 4px 4px rgb(189, 74,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0118, 0.5270, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 74, 57) }
```

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

```
.background{ background-color: rgb(189, 74,  
57) }
```

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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