

Converting Colors

$Yxy(16.9145, 0.5302, 0.3450)$

Have a look what the booklet for
Yxy(16.9145, 0.5302, 0.3450)
contains.

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Color

Yxy(16.9596, 0.5294, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	C44A3C
RGB	196, 74, 60
RGB Percent	77%, 29%, 24%
CMY	0.2313, 0.7098, 0.7646
CMYK	0.00, 0.62, 0.69, 0.23
HSL	6°, 54%, 50%
HSV	6°, 69%, 77%
XYZ	26.0319, 16.9596, 6.1810
YIQ	108.8820, 77.2060, 21.5100

Conversions

Conversions Part 2

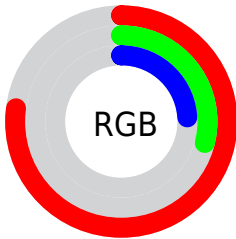
Format	Color
RYB	196, 76, 60
Decimal	12864060
CIELab	48.21, 47.94, 33.84
CIElCh	48, 58.684, 35.215
Yxy	16.9596, 0.5294, 0.3449
Android (android.graphics.Color)	4291054140 (0xFFC44A3C)
YUV	108.8820, -24.0988, 76.4025
Hunter-Lab	41.1820, 40.7646, 19.9286

Details

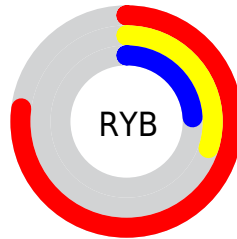
The Yxy color **16.9596, 0.5294, 0.3449** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **38.4228, 0.2283, 0.3071**, and the grayscale version is **15.3117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7811, 0.4775, 0.3492**, and **5.5024, 0.6112, 0.3284** is the 20% darker color. If you saturate the color by 10%, you get **14.7611, 0.5725, 0.3437**, and if you desaturate by 10%, it is **19.8932, 0.4846, 0.3444**.

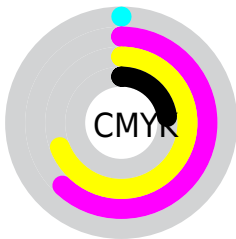
Distribution



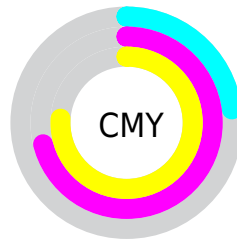
- Red (77%)
- Green (29%)
- Blue (24%)



- Red (77%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (62%)
- Yellow (69%)
- Black (23%)





- Cyan (23%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.9596, 0.5294, 0.3449 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 16.9596, 0.5294, 0.3449 by changing the saturation by 10% instead.


 16.9596, 0.5294,
0.3449


 16.9596, 0.5294,
0.3449


234.9395, 0.4046,
0.3454

 10.2057, 0.5647,
0.3394


 38.2563, 0.4805,
0.3484


 5.5356, 0.6109,
0.3278

 53.5679, 0.4631,
0.3486


 2.5648, 0.6886,
0.3114

 72.5008, 0.4488,
0.3484


 0.9090, 0.7471,
0.2529

 95.4395, 0.4370,
0.3479

 0.0000, 1.0000,
0.0000

 122.7683, 0.4270,
0.3473

 0.0000, 0.0000,
0.0000

 154.8716, 0.4184,

0.3467

192.1339, 0.4110,
0.3460

■ 16.9596, 0.5294,
0.3449

■ 16.9596, 0.5294,
0.3449

■ 14.7611, 0.5725,
0.3437

■ 19.8932, 0.4846,
0.3444

■ 13.2297, 0.6078,
0.3404

■ 23.6164, 0.4426,
0.3425

■ 12.2845, 0.6310,
0.3364

■ 28.1819, 0.4059,
0.3400

■ 12.2418, 0.6322,
0.3362

■ 33.6370, 0.3749,
0.3371

■ 40.0254, 0.3495,
0.3342

■ 47.3880, 0.3287,
0.3314

■ 55.7633, 0.3118,
0.3288

■ 65.1876, 0.2980,
0.3265

■ 75.6955, 0.2867,
0.3243

Harmonies

Analogous

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



16.9596, 0.4655, 0.2757



16.9596, 0.5294, 0.3449



16.9596, 0.5158, 0.4203

Triad

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



16.9596, 0.5294, 0.3449



16.9596, 0.2486, 0.4968



16.9596, 0.1709, 0.1698

Complementary

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



16.9596, 0.5294, 0.3449



38.4228, 0.2283, 0.3071

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.



16.9596, 0.1367, 0.1902



16.9596, 0.5294, 0.3449



16.9596, 0.1715, 0.3676

Square

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



16.9596, 0.5294, 0.3449



16.9596, 0.3491, 0.5432



16.9596, 0.1356, 0.2525



16.9596, 0.2422, 0.1802

Rectangle

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



16.9596, 0.5294, 0.3449



16.9596, 0.4734, 0.4726



16.9596, 0.1356, 0.2525



16.9596, 0.1557, 0.1728

Sweetspot

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



16.9606, 0.5294, 0.3449



70.0990, 0.3540, 0.3348



18.3667, 0.3370, 0.1883



14.2925, 0.3610, 0.3356



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.



16.9606, 0.5294, 0.3449



25.2271, 0.5913, 0.3423



31.2964, 0.4544, 0.4283



10.2406, 0.3286, 0.3314



7.9262, 0.6308, 0.3374



0.3997, 0.6024, 0.3599

Inverse Universe

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



38.4228, 0.2283, 0.3071



66.1706, 0.2202, 0.3018



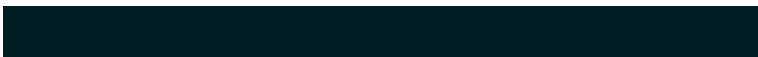
17.0781, 0.1998, 0.1907



11.2460, 0.2984, 0.3266



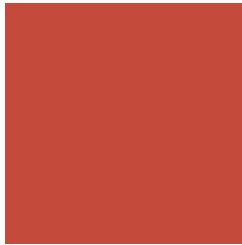
22.5542, 0.2158, 0.2968



1.0264, 0.2179, 0.3046

Previews

White Background



This preview shows how the Yxy color 16.9596, 0.5294, 0.3449 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 16.9596, 0.5294, 0.3449 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 16.9596, 0.5294, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 16.9596, 0.5294, 0.3449.



This preview shows how white text looks on a background with the Yxy color 16.9596, 0.5294, 0.3449.

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

16.9596, 0.5294, 0.3449

Protanopia

17.1294, 0.3765, 0.4067

Deuteranopia

17.1597, 0.4311, 0.4258



Tritanopia

17.0268, 0.5086, 0.3250

Trichromacy



Original Color

16.9596, 0.5294, 0.3449

Protanomaly

16.1358, 0.4335, 0.3797

Deuteranomaly

16.5163, 0.4703, 0.3906

Tritanomaly

17.0776, 0.5170, 0.3330

Monochromacy



Original Color

16.9596, 0.5294, 0.3449

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.7838, 0.3904, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9596, 0.5294, 0.3449 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(196, 74, 60)` looks like.

```
.text, #text, p{  
    color:rgb(196, 74, 60)  
}
```

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(196, 74, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 74, 60) }
```

Border

The CSS property to change the border of an element to Yxy 16.9596, 0.5294, 0.3449 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(196, 74, 60) }
```

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

```
.border{ border-color:rgb(196, 74, 60) }
```

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

Here you see how a box with a 4 pixel rgb(196, 74, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 74, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 74, 60);  
box-shadow:4px 4px 4px 4px rgb(196, 74,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9596, 0.5294, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 74, 60) }
```

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

```
.background{ background-color: rgb(196, 74,  
60) }
```

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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