

Converting Colors

$Y_{xy}(19.0691, 0.4616, 0.3619)$

Have a look what the booklet for
Yxy(19.0691, 0.4616, 0.3619)
contains.

Yxy(19.0292, 0.4629, 0.3617)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.0292, 0.4629, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	B3634C
RGB	179, 99, 76
RGB Percent	70%, 39%, 30%
CMY	0.2981, 0.6117, 0.7019
CMYK	0.00, 0.45, 0.58, 0.30
HSL	13°, 40%, 50%
HSV	13°, 58%, 70%
XYZ	24.3534, 19.0292, 9.2279
YIQ	120.2980, 55.0630, 9.8070

Conversions

Conversions Part 2

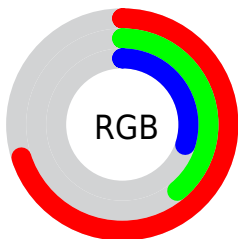
Format	Color
R _Y B	179, 106, 76
Decimal	11756364
CIE Lab	50.72, 29.98, 27.19
CIE LCh	51, 40.472, 42.201
Yxy	19.0292, 0.4629, 0.3617
Android (android.graphics.Color)	4289946444 (0xFFB3634C)
YUV	120.2980, -21.8389, 51.4817
Hunter-Lab	43.6225, 23.3129, 17.9936

Details

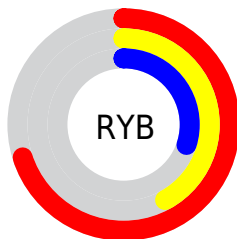
The Yxy color **19.0292, 0.4629, 0.3617** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.5566, 0.2335, 0.2899**, and the grayscale version is **18.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7910, 0.4289, 0.3583**, and **6.5177, 0.5233, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **16.4037, 0.5024, 0.3645**, and if you desaturate by 10%, it is **22.1792, 0.4265, 0.3570**.

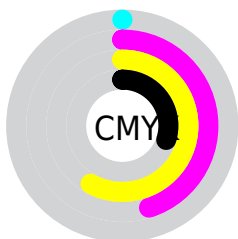
Distribution



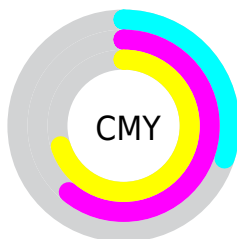
- Red (70%)
- Green (39%)
- Blue (30%)



- Red (70%)
- Yellow (42%)
- Blue (30%)



- Cyan (0%)
- Magenta (45%)
- Yellow (58%)
- Black (30%)





- Cyan (30%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0292, 0.4629, 0.3617 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 19.0292, 0.4629, 0.3617 by changing the saturation by 10% instead.


 19.0292, 0.4629,
0.3617


 19.0292, 0.4629,
0.3617


246.6099, 0.3766,
0.3478


 11.6914, 0.4882,
0.3630


 41.7834, 0.4287,
0.3579

 6.5339, 0.5226,
0.3626


 57.9686, 0.4167,
0.3560


 3.1724, 0.5737,
0.3587

 77.8718, 0.4069,
0.3543

 1.2224, 0.6555,
0.3445

 101.8772, 0.3988,
0.3527

 0.0799, 0.9100,
0.0900

 130.3693, 0.3920,
0.3513

 0.0000, 0.0000,
0.0000

163.7326, 0.3861,

0.3500

202.3513, 0.3810,
0.3489

■ 19.0292, 0.4629,
0.3617

■ 19.0292, 0.4629,
0.3617

■ 16.4037, 0.5024,
0.3645

■ 22.1792, 0.4265,
0.3570

■ 14.2706, 0.5422,
0.3643

■ 25.8775, 0.3945,
0.3512

■ 12.5987, 0.5783,
0.3604

■ 30.1500, 0.3671,
0.3451

■ 11.3497, 0.6066,
0.3533

■ 35.0199, 0.3442,
0.3390

■ 11.0986, 0.6128,
0.3516

■ 40.5095, 0.3250,
0.3331

■ 46.6394, 0.3091,
0.3277

■ 53.4297, 0.2958,
0.3227

■ 60.8994, 0.2847,
0.3181

■ 69.0668, 0.2754,
0.3140

Harmonies

Analogous

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



19.0292, 0.4288, 0.3065



19.0292, 0.4629, 0.3617



19.0292, 0.4496, 0.4169

Triad

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



19.0292, 0.4629, 0.3617



19.0292, 0.2582, 0.4182



19.0292, 0.2217, 0.2137

Complementary

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



19.0292, 0.4629, 0.3617



28.5566, 0.2335, 0.2899

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.



19.0292, 0.1883, 0.2261



19.0292, 0.4629, 0.3617



19.0292, 0.2060, 0.3378

Square

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



19.0292, 0.4629, 0.3617



19.0292, 0.3288, 0.4660



19.0292, 0.1826, 0.2673



19.0292, 0.2815, 0.2259

Rectangle

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



19.0292, 0.4629, 0.3617



19.0292, 0.4190, 0.4480



19.0292, 0.1826, 0.2673



19.0292, 0.2075, 0.2149

Sweetspot

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



19.0302, 0.4629, 0.3617



62.9647, 0.3436, 0.3388



17.1740, 0.3489, 0.2201



13.5474, 0.3478, 0.3400



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



19.0302, 0.4629, 0.3617



28.2967, 0.5130, 0.3648



31.8531, 0.4158, 0.4305



8.8031, 0.3282, 0.3342



7.9273, 0.6109, 0.3531



0.3368, 0.5578, 0.3953

Inverse Universe

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



28.5566, 0.2335, 0.2899



46.8054, 0.2214, 0.2798



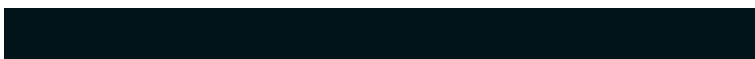
14.9308, 0.2136, 0.1970



9.3030, 0.2986, 0.3238



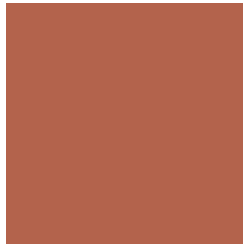
15.4480, 0.2046, 0.2564



0.5657, 0.2108, 0.2789

Previews

White Background



This preview shows how the Yxy color 19.0292, 0.4629, 0.3617 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 19.0292, 0.4629, 0.3617 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 19.0292, 0.4629, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 19.0292, 0.4629, 0.3617.



This preview shows how white text looks on a background with the Yxy color 19.0292, 0.4629, 0.3617.

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

19.0292, 0.4629, 0.3617

Protanopia

19.1559, 0.3690, 0.3962

Deuteranopia

19.1749, 0.4090, 0.4026



Tritanopia

18.9675, 0.4301, 0.3193

Trichromacy



Original Color

19.0292, 0.4629, 0.3617

Protanomaly

18.7154, 0.4015, 0.3826

Deuteranomaly

19.0172, 0.4294, 0.3868

Tritanomaly

18.8594, 0.4420, 0.3337

Monochromacy



Original Color

19.0292, 0.4629, 0.3617

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2505, 0.3628, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0292, 0.4629, 0.3617 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(179, 99, 76)` looks like.

```
.text, #text, p{  
    color:rgb(179, 99, 76)  
}
```

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(179, 99, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 99, 76) }
```

Border

The CSS property to change the border of an element to Yxy 19.0292, 0.4629, 0.3617 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(179, 99, 76) }
```

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

```
.border{ border-color:rgb(179, 99, 76) }
```

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

Here you see how a box with a 4 pixel rgb(179, 99, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 99, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 99, 76);  
box-shadow:4px 4px 4px 4px rgb(179, 99,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0292, 0.4629, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 99, 76) }
```

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

```
.background{ background-color: rgb(179, 99,  
76) }
```

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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