

Converting Colors

$Y_{xy}(17.4956, 0.4789, 0.3436)$

Have a look what the booklet for
Yxy(17.4956, 0.4789, 0.3436)
contains.

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Color

Yxy(17.4195, 0.4779, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	B7574D
RGB	183, 87, 77
RGB Percent	72%, 34%, 30%
CMY	0.2823, 0.6588, 0.6980
CMYK	0.00, 0.52, 0.58, 0.28
HSL	6°, 42%, 51%
HSV	6°, 58%, 72%
XYZ	24.2776, 17.4195, 9.1035
YIQ	114.5640, 60.4260, 17.2420

Conversions

Conversions Part 2

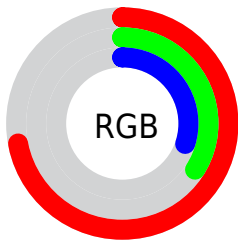
Format	Color
RYB	183, 88, 77
Decimal	12015437
CIELab	48.78, 38.00, 24.24
CIElCh	49, 45.075, 32.537
Yxy	17.4195, 0.4779, 0.3429
Android (android.graphics.Color)	4290205517 (0xFFB7574D)
YUV	114.5640, -18.5191, 60.0184
Hunter-Lab	41.7367, 30.7915, 16.2835

Details

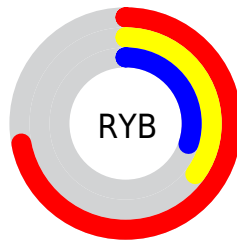
The Yxy color **17.4195, 0.4779, 0.3429** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.8864, 0.2380, 0.3127**, and the grayscale version is **17.0493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0263, 0.4397, 0.3435**, and **5.7315, 0.5461, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **14.8147, 0.5226, 0.3436**, and if you desaturate by 10%, it is **20.7150, 0.4366, 0.3411**.

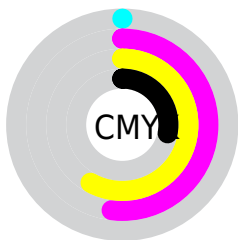
Distribution



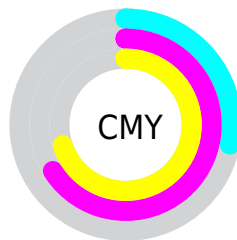
- Red (72%)
- Green (34%)
- Blue (30%)



- Red (72%)
- Yellow (35%)
- Blue (30%)



- Cyan (0%)
- Magenta (52%)
- Yellow (58%)
- Black (28%)





- Cyan (28%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4195, 0.4779, 0.3429 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 17.4195, 0.4779, 0.3429 by changing the saturation by 10% instead.


 17.4195, 0.4779,
0.3429


 17.4195, 0.4779,
0.3429


237.5784, 0.3817,
0.3401


 10.5340, 0.5068,
0.3408


 39.0456, 0.4393,
0.3435


 5.7545, 0.5466,
0.3354

 54.5551, 0.4260,
0.3432


 2.6964, 0.6071,
0.3244

 73.7080, 0.4151,
0.3427

 0.9753, 0.7031,
0.2969

 96.8888, 0.4061,
0.3422

 0.0000, 1.0000,
0.0000

 124.4819, 0.3985,
0.3416

 0.0000, 0.0000,
0.0000

156.8715, 0.3921,

0.3411

194.4422, 0.3865,
0.3406

■ 17.4195, 0.4779,
0.3429

■ 17.4195, 0.4779,
0.3429

■ 14.8147, 0.5226,
0.3436

■ 20.7150, 0.4366,
0.3411

■ 12.8487, 0.5664,
0.3428

■ 24.7427, 0.4008,
0.3387

■ 11.4670, 0.6034,
0.3401

■ 29.5440, 0.3707,
0.3360

■ 10.6021, 0.6285,
0.3363

■ 35.1564, 0.3461,
0.3334

■ 10.4774, 0.6326,
0.3359

■ 41.6152, 0.3259,
0.3309

■ 48.9533, 0.3096,
0.3285

■ 57.2019, 0.2963,
0.3264

■ 66.3910, 0.2854,
0.3245

■ 76.5487, 0.2764,
0.3227

Harmonies

Analogous

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



17.4195, 0.4229, 0.2841



17.4195, 0.4779, 0.3429



17.4195, 0.4779, 0.4054

Triad

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



17.4195, 0.4779, 0.3429



17.4195, 0.2736, 0.4577



17.4195, 0.1950, 0.2008

Complementary

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



17.4195, 0.4779, 0.3429



34.8864, 0.2380, 0.3127

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.



17.4195, 0.1682, 0.2232



17.4195, 0.4779, 0.3429



17.4195, 0.2070, 0.3691

Square

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



17.4195, 0.4779, 0.3429



17.4195, 0.3554, 0.4910



17.4195, 0.1714, 0.2797



17.4195, 0.2520, 0.2066

Rectangle

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



17.4195, 0.4779, 0.3429



17.4195, 0.4503, 0.4451



17.4195, 0.1714, 0.2797



17.4195, 0.1828, 0.2049

Sweetspot

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



17.4204, 0.4779, 0.3429



63.6588, 0.3446, 0.3332



18.4385, 0.3301, 0.2040



13.5865, 0.3491, 0.3337



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.



17.4204, 0.4779, 0.3429



25.2723, 0.5371, 0.3435



29.0222, 0.4289, 0.4138



9.1449, 0.3285, 0.3312



7.3557, 0.6314, 0.3368



0.3050, 0.6016, 0.3605

Inverse Universe

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



34.8864, 0.2380, 0.3127



59.4392, 0.2278, 0.3084



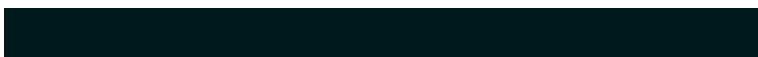
18.7128, 0.2182, 0.2211



10.0618, 0.2985, 0.3268



21.3978, 0.2165, 0.2995



0.7967, 0.2188, 0.3077

Previews

White Background



This preview shows how the Yxy color 17.4195, 0.4779, 0.3429 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 17.4195, 0.4779, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

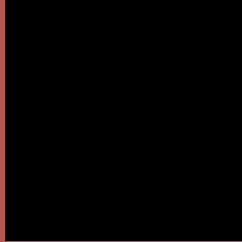
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4195, 0.4779, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 17.4195, 0.4779, 0.3429.



This preview shows how white text looks on a background with the Yxy color 17.4195, 0.4779, 0.3429.

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

17.4195, 0.4779, 0.3429

Protanopia

17.4971, 0.3570, 0.3818

Deuteranopia

17.5126, 0.4050, 0.3969



Tritanopia

17.4427, 0.4587, 0.3212

Trichromacy



Original Color

17.4195, 0.4779, 0.3429

Protanomaly

16.7788, 0.3992, 0.3647

Deuteranomaly

17.0651, 0.4329, 0.3751

Tritanomaly

17.5178, 0.4659, 0.3295

Monochromacy



Original Color

17.4195, 0.4779, 0.3429

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.6182, 0.3688, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4195, 0.4779, 0.3429 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(183, 87, 77)` looks like.

```
.text, #text, p{  
  color:rgb(183, 87, 77)  
}
```

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(183, 87, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 87, 77) }
```

Border

The CSS property to change the border of an element to Yxy 17.4195, 0.4779, 0.3429 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(183, 87, 77) }
```

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

```
.border{ border-color:rgb(183, 87, 77) }
```

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

Here you see how a box with a 4 pixel rgb(183, 87, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 87, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 87, 77);  
box-shadow:4px 4px 4px 4px rgb(183, 87,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4195, 0.4779, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 87, 77) }
```

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

```
.background{ background-color: rgb(183, 87,  
77) }
```

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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