

Converting Colors

$Y_{xy}(17.4670, 0.5013, 0.3249)$

Have a look what the booklet for
Yxy(17.4670, 0.5013, 0.3249)
contains.

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Color

Yxy(17.4670, 0.5013, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	C54B4F
RGB	197, 75, 79
RGB Percent	77%, 29%, 31%
CMY	0.2275, 0.7058, 0.6903
CMYK	0.00, 0.62, 0.60, 0.23
HSL	358°, 51%, 53%
HSV	358°, 62%, 77%
XYZ	26.9505, 17.4670, 9.3437
YIQ	111.9340, 71.4280, 27.1080

Conversions

Conversions Part 2

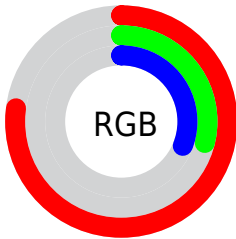
Format	Color
RYB	197, 75, 79
Decimal	12929871
CIELab	48.84, 48.99, 23.58
CIElCh	49, 54.367, 25.706
Yxy	17.4670, 0.5013, 0.3249
Android (android.graphics.Color)	4291119951 (0xFFC54B4F)
YUV	111.9340, -16.2365, 74.6029
Hunter-Lab	41.7935, 41.9666, 16.0001

Details

The Yxy color **17.4670, 0.5013, 0.3249** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **45.2756, 0.2402, 0.3347**, and the grayscale version is **16.2173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5190, 0.4545, 0.3304**, and **5.7538, 0.5774, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **14.9572, 0.5483, 0.3252**, and if you desaturate by 10%, it is **20.8854, 0.4561, 0.3251**.

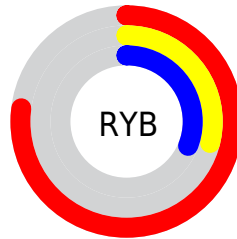
Distribution



Red (77%)

Green (29%)

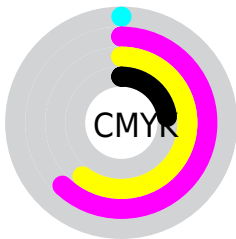
Blue (31%)



Red (77%)

Yellow (29%)

Blue (31%)

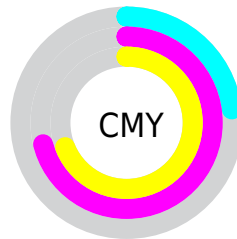


Cyan (0%)

Magenta (62%)

Yellow (60%)

Black (23%)



Cyan (23%)


Magenta (71%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4670, 0.5013, 0.3249 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 17.4670, 0.5013, 0.3249 by changing the saturation by 10% instead.


 17.4670, 0.5013,
0.3249


 17.4670, 0.5013,
0.3249


237.8494, 0.3918,
0.3333

 10.5680, 0.5338,
0.3192


 39.1270, 0.4576,
0.3302


 5.7772, 0.5782,
0.3089

 54.6568, 0.4424,
0.3314


 2.7101, 0.6432,
0.2901

 73.8323, 0.4300,
0.3322

 0.9823, 0.7464,
0.2536

 97.0379, 0.4197,
0.3327

 0.0000, 1.0000,
0.0000

 124.6580, 0.4110,
0.3330

 0.0000, 0.0000,
0.0000

157.0770, 0.4037,

0.3332

194.6794, 0.3973,
0.3332

■ 17.4670, 0.5013,
0.3249

■ 17.4670, 0.5013,
0.3249

■ 14.9572, 0.5483,
0.3252

■ 20.8854, 0.4561,
0.3251

■ 13.2669, 0.5909,
0.3261

■ 25.2848, 0.4161,
0.3257

■ 12.2943, 0.6221,
0.3275

■ 30.7336, 0.3826,
0.3265

■ 11.8827, 0.6369,
0.3282

■ 37.2933, 0.3553,
0.3273

■ 45.0208, 0.3333,
0.3281

■ 53.9688, 0.3157,
0.3289

■ 64.1871, 0.3015,
0.3296

■ 75.7225, 0.2902,
0.3302

■ 88.6195, 0.2810,
0.3308

Harmonies

Analogous

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



17.4670, 0.4224, 0.2611



17.4670, 0.5013, 0.3249



17.4670, 0.5129, 0.3950

Triad

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



17.4670, 0.5013, 0.3249



17.4670, 0.2840, 0.5054



17.4670, 0.1661, 0.1827

Complementary

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



17.4670, 0.5013, 0.3249



45.2756, 0.2402, 0.3347

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.



17.4670, 0.1437, 0.2141



17.4670, 0.5013, 0.3249



17.4670, 0.2014, 0.4045

Square

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



17.4670, 0.5013, 0.3249



17.4670, 0.3795, 0.5201



17.4670, 0.1538, 0.2885



17.4670, 0.2223, 0.1835

Rectangle

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



17.4670, 0.5013, 0.3249



17.4670, 0.4852, 0.4434



17.4670, 0.1538, 0.2885



17.4670, 0.1551, 0.1891

Sweetspot

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



17.4680, 0.5013, 0.3249



70.2279, 0.3490, 0.3275



20.3930, 0.3146, 0.1856



14.2219, 0.3560, 0.3273



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.



17.4680, 0.5013, 0.3249



25.6650, 0.5628, 0.3254



28.8631, 0.4524, 0.4013



10.6424, 0.3285, 0.3283



7.8193, 0.6361, 0.3278



0.3722, 0.6223, 0.3202

Inverse Universe

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



17.4680, 0.5013, 0.3249



25.6650, 0.5628, 0.3254



24.3042, 0.2172, 0.2360



10.6424, 0.3285, 0.3283



7.8193, 0.6361, 0.3278



0.3722, 0.6223, 0.3202

Previews

White Background



This preview shows how the Yxy color 17.4670, 0.5013, 0.3249 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 17.4670, 0.5013, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

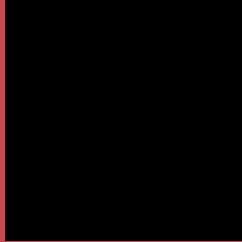
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4670, 0.5013, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 17.4670, 0.5013, 0.3249.



This preview shows how white text looks on a background with the Yxy color 17.4670, 0.5013, 0.3249.

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

17.4670, 0.5013, 0.3249

Protanopia

17.5648, 0.3455, 0.3662

Deuteranopia

17.5126, 0.4050, 0.3969



Tritanopia

17.4817, 0.4997, 0.3237

Trichromacy



Original Color

17.4670, 0.5013, 0.3249

Protanomaly

16.5296, 0.4019, 0.3483

Deuteranomaly

16.8204, 0.4422, 0.3658

Tritanomaly

17.4817, 0.4997, 0.3237

Monochromacy



Original Color

17.4670, 0.5013, 0.3249

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.6834, 0.3776, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4670, 0.5013, 0.3249 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(197, 75, 79)` looks like.

```
.text, #text, p{  
    color:rgb(197, 75, 79)  
}
```

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(197, 75, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 75, 79) }
```

Border

The CSS property to change the border of an element to Yxy 17.4670, 0.5013, 0.3249 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(197, 75, 79) }
```

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

```
.border{ border-color:rgb(197, 75, 79) }
```

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

Here you see how a box with a 4 pixel rgb(197, 75, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 75, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 75, 79);  
box-shadow:4px 4px 4px 4px rgb(197, 75,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4670, 0.5013, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 75, 79) }
```

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

```
.background{ background-color: rgb(197, 75,  
79) }
```

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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