

Converting Colors

$Y_{xy}(17.1668, 0.4998, 0.3179)$

Have a look what the booklet for
Yxy(17.1668, 0.4998, 0.3179)
contains.

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Color

Yxy(17.2497, 0.5000, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	C64852
RGB	198, 72, 82
RGB Percent	78%, 28%, 32%
CMY	0.2235, 0.7177, 0.6785
CMYK	0.00, 0.64, 0.59, 0.22
HSL	355°, 53%, 53%
HSV	355°, 64%, 78%
XYZ	27.1307, 17.2497, 9.8810
YIQ	110.8140, 71.8860, 29.8220

Conversions

Conversions Part 2

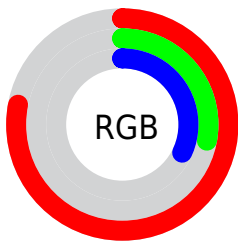
Format	Color
R_{YB}	198, 72, 82
Decimal	12994642
CIE Lab	48.57, 50.88, 21.46
CIE LCh	49, 55.220, 22.866
Yxy	17.2497, 0.5000, 0.3179
Android (android.graphics.Color)	4291184722 (0xFFC64852)
YUV	110.8140, -14.2053, 76.4621
Hunter-Lab	41.5328, 43.9203, 14.9673

Details

The Yxy color **17.2497, 0.5000, 0.3179** 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 **45.4013, 0.2420, 0.3439**, and the grayscale version is **15.8660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8204, 0.4528, 0.3243**, and **5.6735, 0.5758, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **14.8482, 0.5457, 0.3184**, and if you desaturate by 10%, it is **20.5511, 0.4560, 0.3187**.

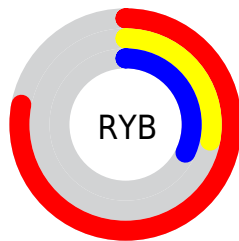
Distribution



Red (78%)

Green (28%)

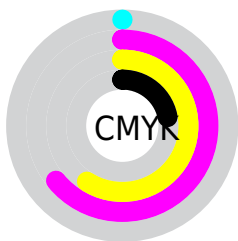
Blue (32%)



Red (78%)

Yellow (28%)

Blue (32%)

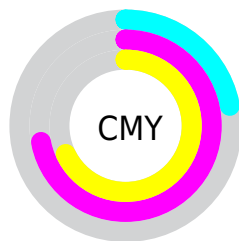


Cyan (0%)

Magenta (64%)

Yellow (59%)

Black (22%)



Cyan (22%)


Magenta (72%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2497, 0.5000, 0.3179 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 17.2497, 0.5000, 0.3179 by changing the saturation by 10% instead.


 17.2497, 0.5000,
0.3179


 17.2497, 0.5000,
0.3179

236.6072, 0.3910,
0.3298


 10.4127, 0.5326,
0.3114


 38.7546, 0.4564,
0.3245


 5.6734, 0.5774,
0.3002

 54.1913, 0.4412,
0.3262


 2.6475, 0.6421,
0.2799

 73.2633, 0.4289,
0.3274

 0.9506, 0.7551,
0.2449

 96.3550, 0.4187,
0.3282

 0.0000, 1.0000,
0.0000

 123.8509, 0.4101,
0.3288

 0.0000, 0.0000,
0.0000

156.1353, 0.4028,

0.3293

193.5926, 0.3964,
0.3296

■ 17.2497, 0.5000,
0.3179

■ 17.2497, 0.5000,
0.3179

■ 14.8482, 0.5457,
0.3184

■ 20.5511, 0.4560,
0.3187

■ 13.2551, 0.5874,
0.3204

■ 24.8262, 0.4171,
0.3202

■ 12.3652, 0.6187,
0.3238

■ 30.1448, 0.3842,
0.3222

■ 12.0435, 0.6320,
0.3255

■ 36.5691, 0.3573,
0.3243

■ 44.1568, 0.3356,
0.3263

■ 52.9614, 0.3182,
0.3283

■ 63.0330, 0.3042,
0.3301

■ 74.4192, 0.2929,
0.3318

■ 87.1647, 0.2837,
0.3333

Harmonies

Analogous

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



17.2497, 0.4144, 0.2543



17.2497, 0.5000, 0.3179



17.2497, 0.5182, 0.3883

Triad

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



17.2497, 0.5000, 0.3179



17.2497, 0.2921, 0.5151



17.2497, 0.1604, 0.1818

Complementary

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



17.2497, 0.5000, 0.3179



45.4013, 0.2420, 0.3439

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.



17.2497, 0.1407, 0.2171



17.2497, 0.5000, 0.3179



17.2497, 0.2058, 0.4180

Square

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



17.2497, 0.5000, 0.3179



17.2497, 0.3888, 0.5204



17.2497, 0.1541, 0.2971



17.2497, 0.2138, 0.1800

Rectangle

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



17.2497, 0.5000, 0.3179



17.2497, 0.4931, 0.4375



17.2497, 0.1541, 0.2971



17.2497, 0.1503, 0.1894

Sweetspot

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



17.2507, 0.5000, 0.3179



70.3407, 0.3473, 0.3252



19.3412, 0.3071, 0.1793



14.2485, 0.3539, 0.3246



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.



17.2507, 0.5000, 0.3179



25.1487, 0.5611, 0.3189



27.0166, 0.4638, 0.3949



10.6504, 0.3277, 0.3272



7.8366, 0.6303, 0.3246



0.3759, 0.5987, 0.3072

Inverse Universe

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



17.2507, 0.5000, 0.3179



25.1487, 0.5611, 0.3189



25.8607, 0.2174, 0.2437



10.6504, 0.3277, 0.3272



7.8366, 0.6303, 0.3246



0.3759, 0.5987, 0.3072

Previews

White Background



This preview shows how the Yxy color 17.2497, 0.5000, 0.3179 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 17.2497, 0.5000, 0.3179 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 17.2497, 0.5000, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 17.2497, 0.5000, 0.3179.

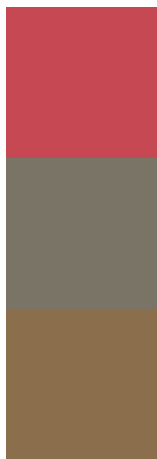


This preview shows how white text looks on a background with the Yxy color 17.2497, 0.5000, 0.3179.

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

17.2497, 0.5000, 0.3179

Protanopia

17.5150, 0.3365, 0.3565

Deuteranopia

17.3796, 0.3983, 0.3925



Tritanopia

17.3067, 0.5072, 0.3250

Trichromacy



Original Color

17.2497, 0.5000, 0.3179

Protanomaly

16.3301, 0.3935, 0.3379

Deuteranomaly

16.5730, 0.4374, 0.3598

Tritanomaly

17.3354, 0.5040, 0.3226

Monochromacy



Original Color

17.2497, 0.5000, 0.3179

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.3091, 0.3787, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2497, 0.5000, 0.3179 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(198, 72, 82)` looks like.

```
.text, #text, p{  
    color:rgb(198, 72, 82)  
}
```

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(198, 72, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 72, 82) }
```

Border

The CSS property to change the border of an element to Yxy 17.2497, 0.5000, 0.3179 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(198, 72, 82) }
```

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

```
.border{ border-color:rgb(198, 72, 82) }
```

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

Here you see how a box with a 4 pixel rgb(198, 72, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 72, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 72, 82);  
box-shadow:4px 4px 4px 4px rgb(198, 72,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2497, 0.5000, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 72, 82) }
```

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

```
.background{ background-color: rgb(198, 72,  
82) }
```

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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