

Converting Colors

$Y_{xy}(17.3375, 0.4521, 0.3274)$

Have a look what the booklet for
Yxy(17.3375, 0.4521, 0.3274)
contains.

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Color

Yxy(17.3013, 0.4516, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	B3585A
RGB	179, 88, 90
RGB Percent	70%, 35%, 35%
CMY	0.2981, 0.6548, 0.6471
CMYK	0.00, 0.51, 0.50, 0.30
HSL	359°, 37%, 52%
HSV	359°, 51%, 70%
XYZ	23.9230, 17.3013, 11.7496
YIQ	115.4370, 53.5940, 19.9140

Conversions

Conversions Part 2

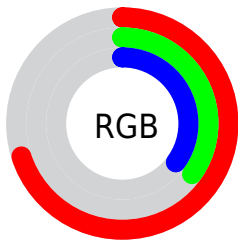
Format	Color
RYB	179, 88, 90
Decimal	11753562
CIELab	48.64, 37.08, 16.23
CIELCh	49, 40.476, 23.633
Yxy	17.3013, 0.4516, 0.3266
Android (android.graphics.Color)	4289943642 (0xFFB3585A)
YUV	115.4370, -12.5404, 55.7448
Hunter-Lab	41.5948, 29.8724, 12.3683

Details

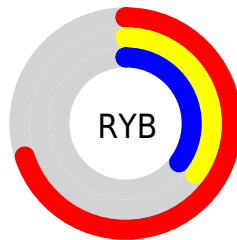
The Yxy color **17.3013, 0.4516, 0.3266** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.4850, 0.2487, 0.3320**, and the grayscale version is **17.3118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8268, 0.4188, 0.3293**, and **5.7133, 0.5105, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **14.4513, 0.4963, 0.3265**, and if you desaturate by 10%, it is **20.9447, 0.4123, 0.3270**.

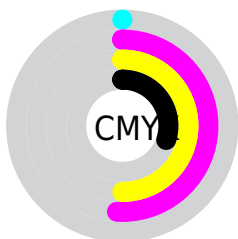
Distribution



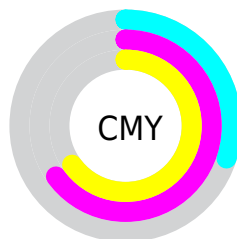
- Red (70%)
- Green (35%)
- Blue (35%)



- Red (70%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (50%)
- Black (30%)





- Cyan (30%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3013, 0.4516, 0.3266 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 17.3013, 0.4516, 0.3266 by changing the saturation by 10% instead.


 17.3013, 0.4516,
0.3266


 17.3013, 0.4516,
0.3266


236.9027, 0.3702,
0.3311

 10.4495, 0.4768,
0.3235


 38.8431, 0.4187,
0.3295


 5.6980, 0.5123,
0.3177

 54.3019, 0.4074,
0.3301


 2.6623, 0.5655,
0.3058

 73.3986, 0.3982,
0.3305

 0.9581, 0.7001,
0.2999

 96.5174, 0.3906,
0.3308

 0.0000, 1.0000,
0.0000

 124.0428, 0.3843,
0.3310

 0.0000, 0.0000,
0.0000

156.3593, 0.3789,

0.3311

193.8511, 0.3743,
0.3311

■ 17.3013, 0.4516,
0.3266

■ 17.3013, 0.4516,
0.3266

■ 14.4513, 0.4963,
0.3265

■ 20.9447, 0.4123,
0.3270

■ 12.3332, 0.5433,
0.3266

■ 25.4316, 0.3795,
0.3274

■ 10.8810, 0.5867,
0.3272

■ 30.8112, 0.3527,
0.3280

■ 10.0156, 0.6195,
0.3282

■ 37.1280, 0.3312,
0.3285

■ 9.5906, 0.6377,
0.3287

■ 44.4238, 0.3140,
0.3290

■ 52.7377, 0.3001,
0.3294

■ 62.1067, 0.2890,
0.3298

■ 72.5659, 0.2799,
0.3302

■ 84.1489, 0.2725,
0.3305

Harmonies

Analogous

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



17.3013, 0.3902, 0.2740



17.3013, 0.4516, 0.3266



17.3013, 0.4678, 0.3841

Triad

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



17.3013, 0.4516, 0.3266



17.3013, 0.3001, 0.4586



17.3013, 0.1947, 0.2151

Complementary

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



17.3013, 0.4516, 0.3266



37.4850, 0.2487, 0.3320

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.



17.3013, 0.1780, 0.2453



17.3013, 0.4516, 0.3266



17.3013, 0.2328, 0.3910

Square

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



17.3013, 0.4516, 0.3266



17.3013, 0.3749, 0.4723



17.3013, 0.1902, 0.3071



17.3013, 0.2395, 0.2126

Rectangle

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



17.3013, 0.4516, 0.3266



17.3013, 0.4517, 0.4214



17.3013, 0.1902, 0.3071



17.3013, 0.1860, 0.2218

Sweetspot

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



17.3022, 0.4516, 0.3266



61.2841, 0.3402, 0.3282



19.4609, 0.3146, 0.2074



13.0589, 0.3447, 0.3281



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.



17.3022, 0.4516, 0.3266



25.3616, 0.5020, 0.3265



26.3772, 0.4200, 0.3902



8.5082, 0.3284, 0.3285



6.7796, 0.6372, 0.3284



0.2143, 0.6252, 0.3218

Inverse Universe

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



17.3022, 0.4516, 0.3266



25.3616, 0.5020, 0.3265



23.0886, 0.2335, 0.2562



8.5082, 0.3284, 0.3285



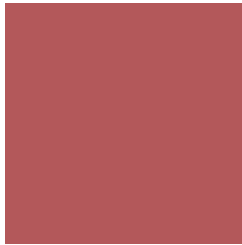
6.7796, 0.6372, 0.3284



0.2143, 0.6252, 0.3218

Previews

White Background



This preview shows how the Yxy color 17.3013, 0.4516, 0.3266 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 17.3013, 0.4516, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

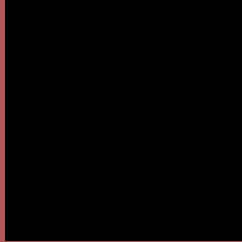
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3013, 0.4516, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 17.3013, 0.4516, 0.3266.

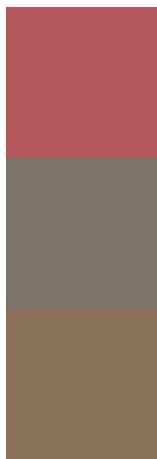


This preview shows how white text looks on a background with the Yxy color 17.3013, 0.4516, 0.3266.

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

17.3013, 0.4516, 0.3266

Protanopia

17.5350, 0.3352, 0.3546

Deuteranopia

17.3591, 0.3822, 0.3752



Tritanopia

17.2082, 0.4458, 0.3194

Trichromacy



Original Color

17.3013, 0.4516, 0.3266

Protanomaly

16.9407, 0.3755, 0.3436

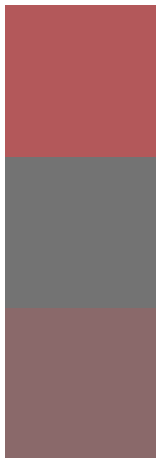
Deuteranomaly

17.0640, 0.4078, 0.3565

Tritanomaly

17.1904, 0.4475, 0.3209

Monochromacy



Original Color

17.3013, 0.4516, 0.3266

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.5470, 0.3587, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3013, 0.4516, 0.3266 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, 88, 90)` looks like.

```
.text, #text, p{  
    color:rgb(179, 88, 90)  
}
```

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, 88, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 88, 90) }
```

Border

The CSS property to change the border of an element to Yxy 17.3013, 0.4516, 0.3266 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, 88, 90) }
```

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

```
.border{ border-color:rgb(179, 88, 90) }
```

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

Here you see how a box with a 4 pixel rgb(179, 88, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 88, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 88, 90);  
box-shadow:4px 4px 4px 4px rgb(179, 88,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3013, 0.4516, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 88, 90) }
```

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

```
.background{ background-color: rgb(179, 88,  
90) }
```

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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