

Converting Colors

$Y_{xy}(17.0370, 0.4688, 0.3228)$

Have a look what the booklet for
Yxy(17.0370, 0.4688, 0.3228)
contains.

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Color

Yxy(17.0370, 0.4688, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	B95257
RGB	185, 82, 87
RGB Percent	73%, 32%, 34%
CMY	0.2746, 0.6784, 0.6589
CMYK	0.00, 0.56, 0.53, 0.27
HSL	357°, 42%, 52%
HSV	357°, 56%, 73%
XYZ	24.7427, 17.0370, 10.9991
YIQ	113.3670, 59.7830, 23.3910

Conversions

Conversions Part 2

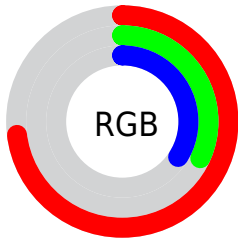
Format	Color
RYB	185, 82, 87
Decimal	12145239
CIELab	48.31, 42.07, 17.73
CIELCh	48, 45.655, 22.849
Yxy	17.0370, 0.4688, 0.3228
Android (android.graphics.Color)	4290335319 (0xFFB95257)
YUV	113.3670, -12.9989, 62.8221
Hunter-Lab	41.2759, 34.7684, 13.0937

Details

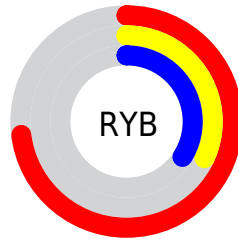
The Yxy color **17.0370, 0.4688, 0.3228** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.7832, 0.2459, 0.3366**, and the grayscale version is **16.6557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5466, 0.4315, 0.3272**, and **5.5579, 0.5361, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **14.3599, 0.5144, 0.3226**, and if you desaturate by 10%, it is **20.5380, 0.4276, 0.3236**.

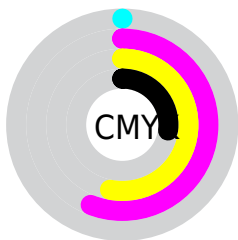
Distribution



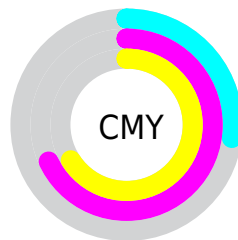
- Red (73%)
- Green (32%)
- Blue (34%)



- Red (73%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (56%)
- Yellow (53%)
- Black (27%)




- Cyan (27%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0370, 0.4688, 0.3228 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 17.0370, 0.4688, 0.3228 by changing the saturation by 10% instead.


 17.0370, 0.4688,
0.3228

 17.0370, 0.4688,
0.3228


235.3855, 0.3773,
0.3303

 10.2609, 0.4969,
0.3184


 38.3894, 0.4318,
0.3271


 5.5723, 0.5363,
0.3105

 53.7344, 0.4191,
0.3282

 2.5868, 0.5945,
0.2951

 72.7046, 0.4088,
0.3289

 0.9200, 0.7235,
0.2765

 95.6842, 0.4003,
0.3294

 0.0000, 1.0000,
0.0000

 123.0577, 0.3932,
0.3297

 0.0000, 0.0000,
0.0000

155.2095, 0.3871,

0.3300

192.5240, 0.3819,
0.3301

■ 17.0370, 0.4688,
0.3228

■ 17.0370, 0.4688,
0.3228

■ 14.3599, 0.5144,
0.3226

■ 20.5380, 0.4276,
0.3236

■ 12.4370, 0.5602,
0.3232

■ 24.9201, 0.3926,
0.3247

■ 11.1913, 0.5999,
0.3247

■ 30.2382, 0.3637,
0.3259

■ 10.5260, 0.6271,
0.3269

■ 36.5422, 0.3404,
0.3272

■ 10.3323, 0.6350,
0.3272

■ 43.8785, 0.3216,
0.3284

■ 52.2905, 0.3066,
0.3295

■ 61.8189, 0.2945,
0.3305

■ 72.5027, 0.2847,
0.3314

■ 84.3786, 0.2767,
0.3322

Harmonies

Analogous

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



17.0370, 0.3979, 0.2658



17.0370, 0.4688, 0.3228



17.0370, 0.4871, 0.3856

Triad

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



17.0370, 0.4688, 0.3228



17.0370, 0.2989, 0.4796



17.0370, 0.1809, 0.2026

Complementary

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



17.0370, 0.4688, 0.3228



39.7832, 0.2459, 0.3366

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.



17.0370, 0.1635, 0.2356



17.0370, 0.4688, 0.3228



17.0370, 0.2238, 0.4022

Square

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



17.0370, 0.4688, 0.3228



17.0370, 0.3822, 0.4903



17.0370, 0.1769, 0.3050



17.0370, 0.2288, 0.1999

Rectangle

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



17.0370, 0.4688, 0.3228



17.0370, 0.4685, 0.4276



17.0370, 0.1769, 0.3050



17.0370, 0.1718, 0.2099

Sweetspot

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



17.0379, 0.4688, 0.3228



63.5103, 0.3438, 0.3270



19.2235, 0.3125, 0.1966



13.1900, 0.3482, 0.3267



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.



17.0379, 0.4688, 0.3228



24.7652, 0.5257, 0.3226



26.4531, 0.4353, 0.3931



9.0191, 0.3280, 0.3279



7.0396, 0.6338, 0.3265



0.2506, 0.6098, 0.3133

Inverse Universe

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



17.0379, 0.4688, 0.3228



24.7652, 0.5257, 0.3226



23.6612, 0.2269, 0.2506



9.0191, 0.3280, 0.3279



7.0396, 0.6338, 0.3265



0.2506, 0.6098, 0.3133

Previews

White Background



This preview shows how the Yxy color 17.0370, 0.4688, 0.3228 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 17.0370, 0.4688, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

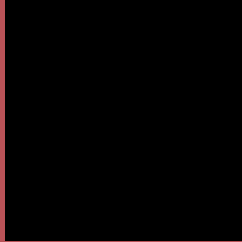
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0370, 0.4688, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 17.0370, 0.4688, 0.3228.

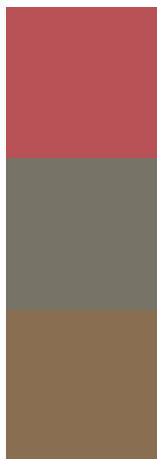


This preview shows how white text looks on a background with the Yxy color 17.0370, 0.4688, 0.3228.

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

17.0370, 0.4688, 0.3228

Protanopia

17.2338, 0.3341, 0.3527

Deuteranopia

17.0794, 0.3882, 0.3808



Tritanopia

17.0370, 0.4688, 0.3228

Trichromacy



Original Color

17.0370, 0.4688, 0.3228

Protanomaly

16.4929, 0.3815, 0.3399

Deuteranomaly

16.6245, 0.4174, 0.3562

Tritanomaly

17.0370, 0.4688, 0.3228

Monochromacy



Original Color

17.0370, 0.4688, 0.3228

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.9912, 0.3643, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0370, 0.4688, 0.3228 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(185, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(185, 82, 87)  
}
```

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(185, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 82, 87) }
```

Border

The CSS property to change the border of an element to Yxy 17.0370, 0.4688, 0.3228 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(185, 82, 87) }
```

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

```
.border{ border-color:rgb(185, 82, 87) }
```

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

Here you see how a box with a 4 pixel rgb(185, 82, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(185, 82,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0370, 0.4688, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 82, 87) }
```

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

```
.background{ background-color: rgb(185, 82,  
87) }
```

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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