

Converting Colors

$Y_{xy}(17.8304, 0.4491, 0.3325)$

Have a look what the booklet for
Yxy(17.8304, 0.4491, 0.3325)
contains.

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Color

Yxy(17.8405, 0.4487, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	B25C59
RGB	178, 92, 89
RGB Percent	70%, 36%, 35%
CMY	0.3020, 0.6392, 0.6509
CMYK	0.00, 0.48, 0.50, 0.30
HSL	2°, 37%, 52%
HSV	2°, 50%, 70%
XYZ	23.9887, 17.8405, 11.6335
YIQ	117.3720, 52.2190, 17.2990

Conversions

Conversions Part 2

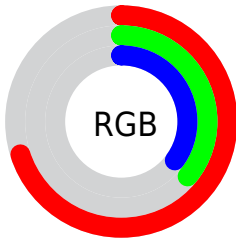
Format	Color
R_{YB}	178, 92, 89
Decimal	11689049
CIE _{Lab}	49.30, 34.51, 17.69
CIE _{LCh}	49, 38.774, 27.139
Yxy	17.8405, 0.4487, 0.3337
Android (android.graphics.Color)	4289879129 (0xFFB25C59)
YUV	117.3720, -13.9874, 53.1708
Hunter-Lab	42.2380, 27.4610, 13.2366

Details

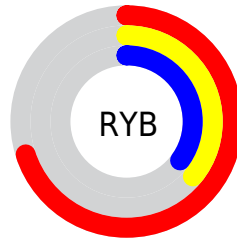
The Yxy color **17.8405, 0.4487, 0.3337** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.9942, 0.2474, 0.3240**, and the grayscale version is **17.9440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8151, 0.4169, 0.3349**, and **5.9027, 0.5062, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **14.9281, 0.4928, 0.3343**, and if you desaturate by 10%, it is **21.5035, 0.4100, 0.3328**.

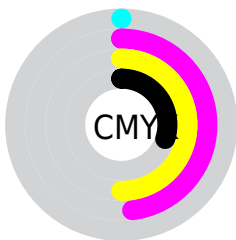
Distribution



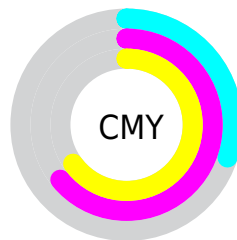
- Red (70%)
- Green (36%)
- Blue (35%)



- Red (70%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (48%)
- Yellow (50%)
- Black (30%)




- Cyan (30%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8405, 0.4487, 0.3337 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 17.8405, 0.4487, 0.3337 by changing the saturation by 10% instead.


 17.8405, 0.4487,
0.3337


 17.8405, 0.4487,
0.3337


239.9705, 0.3694,
0.3342


 10.8355, 0.4730,
0.3318


 39.7654, 0.4167,
0.3350


 5.9564, 0.5073,
0.3276

 55.4540, 0.4057,
0.3351

 2.8186, 0.5582,
0.3181

 74.8061, 0.3967,
0.3350

 1.0378, 0.6844,
0.3156

 98.2059, 0.3893,
0.3349

 0.0000, 1.0000,
0.0000

 126.0378, 0.3831,
0.3348

 0.0000, 0.0000,
0.0000

158.6863, 0.3779,

0.3346

196.5357, 0.3733,
0.3344

■ 17.8405, 0.4487,
0.3337

■ 17.8405, 0.4487,
0.3337

■ 14.9281, 0.4928,
0.3343

■ 21.5035, 0.4100,
0.3328

■ 12.7117, 0.5395,
0.3345

■ 25.9611, 0.3777,
0.3318

■ 11.1343, 0.5832,
0.3340


■ 31.2572, 0.3512,
0.3308


■ 10.1280, 0.6169,
0.3328

■ 37.4317, 0.3299,
0.3299


■ 9.5941, 0.6375,
0.3320

■ 44.5219, 0.3127,
0.3290

 9.5936, 0.6375,
0.3320

 52.5630, 0.2988,
0.3282

 61.5884, 0.2876,
0.3275

 71.6296, 0.2784,
0.3268

 82.7172, 0.2709,
0.3262

Harmonies

Analogous

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



17.8405, 0.3947, 0.2821



17.8405, 0.4487, 0.3337



17.8405, 0.4590, 0.3890

Triad

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



17.8405, 0.4487, 0.3337



17.8405, 0.2931, 0.4459



17.8405, 0.2035, 0.2186

Complementary

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



17.8405, 0.4487, 0.3337



35.9942, 0.2474, 0.3240

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.



17.8405, 0.1842, 0.2447



17.8405, 0.4487, 0.3337



17.8405, 0.2306, 0.3783

Square

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



17.8405, 0.4487, 0.3337



17.8405, 0.3646, 0.4661



17.8405, 0.1929, 0.3004



17.8405, 0.2497, 0.2189

Rectangle

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



17.8405, 0.4487, 0.3337



17.8405, 0.4410, 0.4238



17.8405, 0.1929, 0.3004



17.8405, 0.1941, 0.2242

Sweetspot

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



17.8414, 0.4487, 0.3337



61.7848, 0.3406, 0.3304



19.7066, 0.3219, 0.2138



13.1811, 0.3451, 0.3306



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.



17.8414, 0.4487, 0.3337



26.5955, 0.4977, 0.3344



27.9250, 0.4131, 0.3974



8.5496, 0.3286, 0.3298



6.8842, 0.6370, 0.3324



0.2317, 0.6245, 0.3424

Inverse Universe

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



35.9942, 0.2474, 0.3240



63.2815, 0.2379, 0.3228



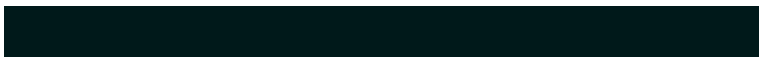
21.4464, 0.2327, 0.2470



9.5815, 0.2986, 0.3282



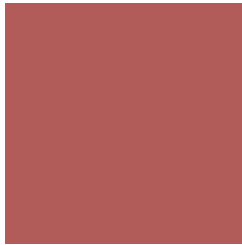
23.4311, 0.2218, 0.3186



0.7524, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 17.8405, 0.4487, 0.3337 looks on a white background.

Color Contrast Check

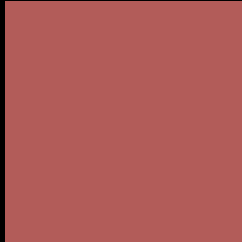
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8405, 0.4487, 0.3337 looks on a black 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

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

Yxy 17.8405, 0.4487, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 17.8405, 0.4487, 0.3337.

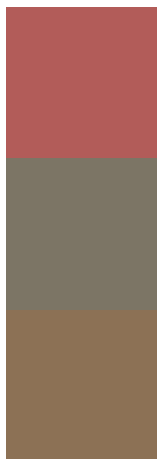


This preview shows how white text looks on a background with the Yxy color 17.8405, 0.4487, 0.3337.

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

17.8405, 0.4487, 0.3337

Protanopia

17.9473, 0.3415, 0.3600

Deuteranopia

18.0416, 0.3864, 0.3797



Tritanopia

17.9289, 0.4381, 0.3207

Trichromacy



Original Color

17.8405, 0.4487, 0.3337

Protanomaly

17.5175, 0.3787, 0.3488

Deuteranomaly

17.6451, 0.4106, 0.3612

Tritanomaly

17.8740, 0.4429, 0.3251

Monochromacy



Original Color

17.8405, 0.4487, 0.3337

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.2756, 0.3575, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8405, 0.4487, 0.3337 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(178, 92, 89)` looks like.

```
.text, #text, p{  
  color:rgb(178, 92, 89)  
}
```

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(178, 92, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 92, 89) }
```

Border

The CSS property to change the border of an element to Yxy 17.8405, 0.4487, 0.3337 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(178, 92, 89) }
```

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

```
.border{ border-color:rgb(178, 92, 89) }
```

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

Here you see how a box with a 4 pixel rgb(178, 92, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 92, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 92, 89);  
box-shadow:4px 4px 4px 4px rgb(178, 92,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8405, 0.4487, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 92, 89) }
```

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

```
.background{ background-color: rgb(178, 92,  
89) }
```

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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