

Converting Colors

$Y_{xy}(20.3833, 0.4084, 0.3013)$

Have a look what the booklet for
Yxy(20.3833, 0.4084, 0.3013)
contains.

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Color

Yxy(20.3577, 0.4089, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	B96276
RGB	185, 98, 118
RGB Percent	73%, 38%, 46%
CMY	0.2745, 0.6157, 0.5373
CMYK	0.00, 0.47, 0.36, 0.27
HSL	346°, 38%, 55%
HSV	346°, 47%, 73%
XYZ	27.6462, 20.3577, 19.6072
YIQ	126.2930, 45.4320, 24.6640

Conversions

Conversions Part 2

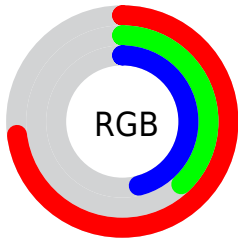
Format	Color
R_{YB}	185, 98, 118
Decimal	12149366
CIE _{Lab}	52.24, 37.15, 4.71
CIE _{LCh}	52, 37.448, 7.231
Yxy	20.3577, 0.4089, 0.3011
Android (android.graphics.Color)	4290339446 (0xFFB96276)
YUV	126.2930, -4.0884, 51.4860
Hunter-Lab	45.1195, 30.4136, 5.8185

Details

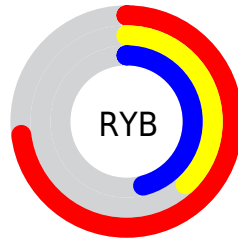
The Yxy color **20.3577, 0.4089, 0.3011** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.0159, 0.2629, 0.3605**, and the grayscale version is **20.9719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0902, 0.3866, 0.3083**, and **7.2232, 0.4480, 0.2885** is the 20% darker color. If you saturate the color by 10%, you get **16.9739, 0.4423, 0.2964**, and if you desaturate by 10%, it is **24.5948, 0.3805, 0.3069**.

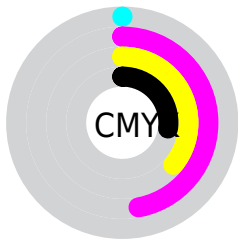
Distribution



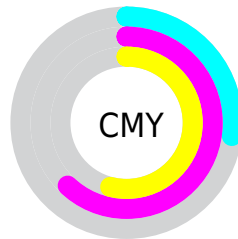
- Red (73%)
- Green (38%)
- Blue (46%)



- Red (73%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (47%)
- Yellow (36%)
- Black (27%)




- Cyan (27%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3577, 0.4089, 0.3011 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 20.3577, 0.4089, 0.3011 by changing the saturation by 10% instead.


 20.3577, 0.4089,
0.3011

 20.3577, 0.4089,
0.3011


253.8450, 0.3540,
0.3177


 12.6553, 0.4254,
0.2958


 44.0161, 0.3871,
0.3079

 7.1916, 0.4485,
0.2882


 60.7409, 0.3795,
0.3102

 3.5822, 0.4831,
0.2762

 81.2419, 0.3733,
0.3121

 1.4427, 0.5397,
0.2554

 105.9037, 0.3681,
0.3136

 0.2479, 0.8264,
0.1736

135.1104, 0.3638,
0.3149

 0.0000, 1.0000,
0.0000

169.2467, 0.3600,

 0.0000, 0.0000,

0.3159

0.0000

208.6967, 0.3568,
0.3169

■ 20.3577, 0.4089,
0.3011

■ 20.3577, 0.4089,
0.3011

■ 16.9739, 0.4423,
0.2964

■ 24.5948, 0.3805,
0.3069

■ 14.3823, 0.4798,
0.2936

■ 29.7348, 0.3569,
0.3131

■ 12.5181, 0.5196,
0.2939


■ 35.8273, 0.3376,
0.3192


■ 11.3053, 0.5579,
0.2978

■ 42.9172, 0.3219,
0.3251

■ 10.6378, 0.5905,
0.3053

■ 51.0466, 0.3092,
0.3306

 10.4861, 0.5992,
0.3075

 60.2551, 0.2989,
0.3356

 70.5804, 0.2904,
0.3403

 82.0583, 0.2835,
0.3445

 88.5045, 0.2769,
0.3383

Harmonies

Analogous

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



20.3577, 0.3427, 0.2585



20.3577, 0.4089, 0.3011



20.3577, 0.4467, 0.3517

Triad

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



20.3577, 0.4089, 0.3011



20.3577, 0.3396, 0.4545



20.3577, 0.1957, 0.2396

Complementary

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



20.3577, 0.4089, 0.3011



40.0159, 0.2629, 0.3605

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.



20.3577, 0.1950, 0.2828



20.3577, 0.4089, 0.3011



20.3577, 0.2737, 0.4189

Square

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



20.3577, 0.4089, 0.3011



20.3577, 0.4017, 0.4436



20.3577, 0.2217, 0.3498



20.3577, 0.2227, 0.2234

Rectangle

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



20.3577, 0.4089, 0.3011



20.3577, 0.4484, 0.3863



20.3577, 0.2217, 0.3498



20.3577, 0.1925, 0.2509

Sweetspot

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



20.3587, 0.4089, 0.3011



67.5312, 0.3329, 0.3209



20.2068, 0.2944, 0.2081



13.9990, 0.3365, 0.3196



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.



20.3587, 0.4089, 0.3011



30.4576, 0.4418, 0.2964



24.9215, 0.4224, 0.3621



9.0451, 0.3253, 0.3238



7.1488, 0.5962, 0.3058



0.2617, 0.5231, 0.2655

Inverse Universe

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



20.3587, 0.4089, 0.3011



30.4576, 0.4418, 0.2964



31.8726, 0.2443, 0.2919



9.0451, 0.3253, 0.3238



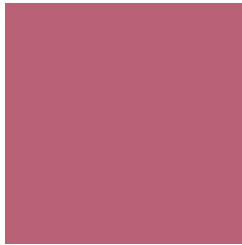
7.1488, 0.5962, 0.3058



0.2617, 0.5231, 0.2655

Previews

White Background



This preview shows how the Yxy color 20.3577, 0.4089, 0.3011 looks on a white background.

Color Contrast Check

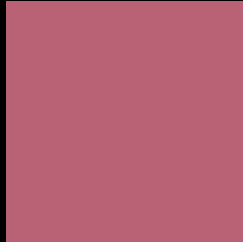
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 20.3577, 0.4089, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

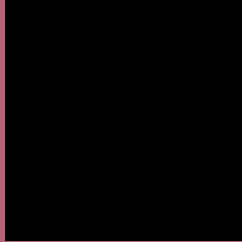
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3577, 0.4089, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 20.3577, 0.4089, 0.3011.

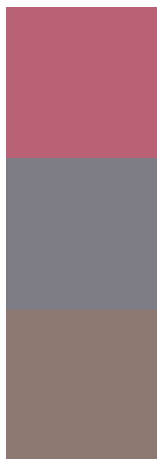


This preview shows how white text looks on a background with the Yxy color 20.3577, 0.4089, 0.3011.

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

20.3577, 0.4089, 0.3011

Protanopia

20.4687, 0.3040, 0.3127

Deuteranopia

20.5524, 0.3465, 0.3414



Tritanopia

20.3662, 0.4231, 0.3194

Trichromacy



Original Color

20.3577, 0.4089, 0.3011

Protanomaly

20.0230, 0.3383, 0.3071

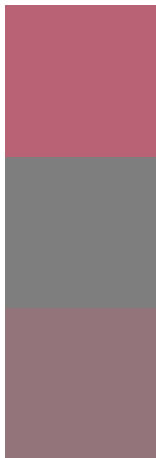
Deuteranomaly

20.2162, 0.3692, 0.3259

Tritanomaly

20.2617, 0.4177, 0.3123

Monochromacy



Original Color

20.3577, 0.4089, 0.3011

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1239, 0.3444, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3577, 0.4089, 0.3011 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, 98, 118)` looks like.

```
.text, #text, p{  
  color:rgb(185, 98, 118)  
}
```

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, 98, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 98, 118) }
```

Border

The CSS property to change the border of an element to Yxy 20.3577, 0.4089, 0.3011 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, 98, 118) }
```

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

```
.border{ border-color:rgb(185, 98, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 98, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 98, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 98, 118); box-shadow:4px 4px 4px 4px rgb(185, 98, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3577, 0.4089, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 98, 118) }
```

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

```
.background{ background-color: rgb(185, 98,  
118) }
```

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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