

Converting Colors

$Yxy(18.9107, 0.4588, 0.3326)$

Have a look what the booklet for
Yxy(18.9107, 0.4588, 0.3326)
contains.

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Color

Yxy(18.9573, 0.4584, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	BB5C5A
RGB	187, 92, 90
RGB Percent	73%, 36%, 35%
CMY	0.2667, 0.6392, 0.6469
CMYK	0.00, 0.51, 0.52, 0.27
HSL	1°, 42%, 54%
HSV	1°, 52%, 73%
XYZ	26.1669, 18.9573, 11.9589
YIQ	120.1770, 57.2620, 19.5180

Conversions

Conversions Part 2

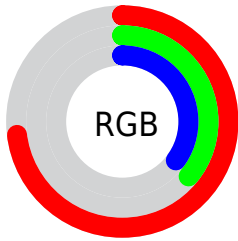
Format	Color
RYB	187, 92, 90
Decimal	12278874
CIELab	50.64, 38.04, 19.11
CIElCh	51, 42.570, 26.677
Yxy	18.9573, 0.4584, 0.3321
Android (android.graphics.Color)	4290468954 (0xFFBB5C5A)
YUV	120.1770, -14.8773, 58.6038
Hunter-Lab	43.5400, 31.0809, 14.1931

Details

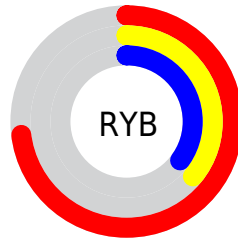
The Yxy color **18.9573, 0.4584, 0.3321** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.4703, 0.2459, 0.3258**, and the grayscale version is **18.8781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6141, 0.4255, 0.3336**, and **6.4349, 0.5198, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **15.8794, 0.5039, 0.3325**, and if you desaturate by 10%, it is **22.8846, 0.4180, 0.3316**.

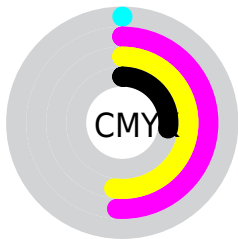
Distribution



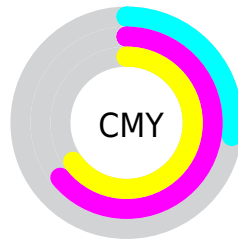
- Red (73%)
- Green (36%)
- Blue (35%)



- Red (73%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (52%)
- Black (27%)




- Cyan (27%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9573, 0.4584, 0.3321 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 18.9573, 0.4584, 0.3321 by changing the saturation by 10% instead.


 18.9573, 0.4584,
0.3321


 18.9573, 0.4584,
0.3321


246.2129, 0.3742,
0.3340


 11.6394, 0.4837,
0.3296


 41.6619, 0.4247,
0.3340

 6.4987, 0.5189,
0.3246

 57.8175, 0.4130,
0.3344


 3.1506, 0.5701,
0.3139

 77.6877, 0.4035,
0.3345

 1.2109, 0.6916,
0.3084

 101.6570, 0.3956,
0.3345

 0.0705, 0.9344,
0.0656

 130.1098, 0.3890,
0.3344

 0.0000, 0.0000,
0.0000

163.4305, 0.3833,

0.3343

202.0034, 0.3785,
0.3341

■ 18.9573, 0.4584,
0.3321

■ 18.9573, 0.4584,
0.3321

■ 15.8794, 0.5039,
0.3325

■ 22.8846, 0.4180,
0.3316

■ 13.5856, 0.5510,
0.3325

■ 27.7144, 0.3839,
0.3309

■ 12.0058, 0.5933,
0.3322

■ 33.4991, 0.3561,
0.3303

■ 11.0564, 0.6237,
0.3314

■ 40.2861, 0.3337,
0.3297

■ 10.6474, 0.6386,
0.3311

■ 48.1198, 0.3156,
0.3291

■ 57.0418, 0.3012,
0.3286

■ 67.0914, 0.2895,
0.3281

■ 78.3063, 0.2800,
0.3277

■ 89.3046, 0.2736,
0.3289

Harmonies

Analogous

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



18.9573, 0.3996, 0.2779



18.9573, 0.4584, 0.3321



18.9573, 0.4695, 0.3906

Triad

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



18.9573, 0.4584, 0.3321



18.9573, 0.2920, 0.4568



18.9573, 0.1960, 0.2116

Complementary

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



18.9573, 0.4584, 0.3321



40.4703, 0.2459, 0.3258

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.



18.9573, 0.1761, 0.2391



18.9573, 0.4584, 0.3321



18.9573, 0.2254, 0.3834

Square

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



18.9573, 0.4584, 0.3321



18.9573, 0.3683, 0.4764



18.9573, 0.1854, 0.2987



18.9573, 0.2443, 0.2118

Rectangle

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



18.9573, 0.4584, 0.3321



18.9573, 0.4500, 0.4281



18.9573, 0.1854, 0.2987



18.9573, 0.1862, 0.2175

Sweetspot

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



18.9583, 0.4584, 0.3321



66.5756, 0.3429, 0.3299



21.4007, 0.3203, 0.2081



14.1117, 0.3476, 0.3301



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.9583, 0.4584, 0.3321



27.9005, 0.5094, 0.3325



30.0974, 0.4195, 0.3978



9.5667, 0.3288, 0.3295



7.3492, 0.6383, 0.3314



0.2987, 0.6314, 0.3368

Inverse Universe

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



40.4703, 0.2459, 0.3258



70.5479, 0.2368, 0.3250



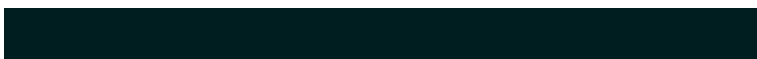
23.6250, 0.2300, 0.2457



10.7753, 0.2985, 0.3285



25.8742, 0.2230, 0.3226



1.0242, 0.2234, 0.3242

Previews

White Background



This preview shows how the Yxy color 18.9573, 0.4584, 0.3321 looks on a white background.

Color Contrast Check

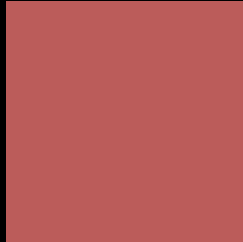
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9573, 0.4584, 0.3321 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 18.9573, 0.4584, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 18.9573, 0.4584, 0.3321.



This preview shows how white text looks on a background with the Yxy color 18.9573, 0.4584, 0.3321.

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

18.9573, 0.4584, 0.3321

Protanopia

19.1660, 0.3417, 0.3631

Deuteranopia

19.0920, 0.3887, 0.3820



Tritanopia

18.9100, 0.4483, 0.3212

Trichromacy



Original Color

18.9573, 0.4584, 0.3321

Protanomaly

18.4233, 0.3832, 0.3499

Deuteranomaly

18.6771, 0.4158, 0.3617

Tritanomaly

18.8551, 0.4530, 0.3253

Monochromacy



Original Color

18.9573, 0.4584, 0.3321

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1853, 0.3610, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9573, 0.4584, 0.3321 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(187, 92, 90)` looks like.

```
.text, #text, p{  
    color:rgb(187, 92, 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(187, 92, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 92, 90) }
```

Border

The CSS property to change the border of an element to Yxy 18.9573, 0.4584, 0.3321 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(187, 92, 90) }
```

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

```
.border{ border-color:rgb(187, 92, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 92, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 92, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 92, 90);  
box-shadow:4px 4px 4px 4px rgb(187, 92,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9573, 0.4584, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 92, 90) }
```

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

```
.background{ background-color: rgb(187, 92,  
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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