

Converting Colors

$Y_{xy}(19.1886, 0.4358, 0.3144)$

Have a look what the booklet for
Yxy(19.1886, 0.4358, 0.3144)
contains.

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Color

Yxy(19.2471, 0.4362, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	BA5D67
RGB	186, 93, 103
RGB Percent	73%, 36%, 40%
CMY	0.2706, 0.6352, 0.5960
CMYK	0.00, 0.50, 0.45, 0.27
HSL	354°, 40%, 55%
HSV	354°, 50%, 73%
XYZ	26.6104, 19.2471, 15.1476
YIQ	121.9470, 52.2180, 22.8260

Conversions

Conversions Part 2

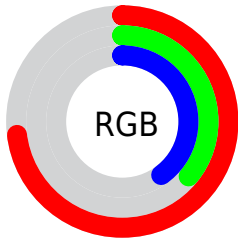
Format	Color
R_{YB}	186, 93, 103
Decimal	12213607
CIE _{Lab}	50.98, 38.41, 11.84
CIE _{LCh}	51, 40.194, 17.136
Yxy	19.2471, 0.4362, 0.3155
Android (android.graphics.Color)	4290403687 (0xFFBA5D67)
YUV	121.9470, -9.3409, 56.1745
Hunter-Lab	43.8715, 31.4946, 10.2389

Details

The Yxy color **19.2471, 0.4362, 0.3155** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.5744, 0.2539, 0.3444**, and the grayscale version is **19.4637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3033, 0.4074, 0.3205**, and **6.6086, 0.4891, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **16.0692, 0.4770, 0.3139**, and if you desaturate by 10%, it is **23.2871, 0.4009, 0.3179**.

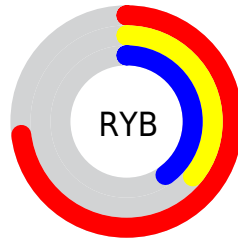
Distribution



Red (73%)

Green (36%)

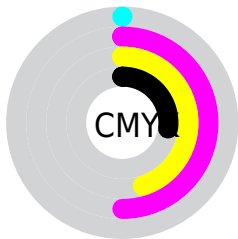
Blue (40%)



Red (73%)

Yellow (36%)

Blue (40%)

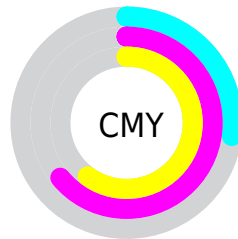


Cyan (0%)

Magenta (50%)

Yellow (45%)

Black (27%)



Cyan (27%)

Magenta (64%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2471, 0.4362, 0.3155 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 19.2471, 0.4362, 0.3155 by changing the saturation by 10% instead.


 19.2471, 0.4362,
0.3155


 19.2471, 0.4362,
0.3155


247.8095, 0.3649,
0.3253


 11.8490, 0.4578,
0.3115


 42.1512, 0.4076,
0.3201

 6.6409, 0.4882,
0.3051


 58.4260, 0.3977,
0.3215

 3.2386, 0.5336,
0.2937

 78.4284, 0.3897,
0.3225

 1.2575, 0.6162,
0.2754

 102.5430, 0.3830,
0.3233

 0.1079, 0.9073,
0.0927

131.1539, 0.3774,
0.3240

 0.0000, 0.0000,
0.0000

164.6457, 0.3727,

0.3245

203.4028, 0.3685,
0.3250

■ 19.2471, 0.4362,
0.3155

■ 19.2471, 0.4362,
0.3155

■ 16.0692, 0.4770,
0.3139

■ 23.2871, 0.4009,
0.3179

■ 13.6879, 0.5213,
0.3136

■ 28.2425, 0.3715,
0.3207

■ 12.0332, 0.5648,
0.3152


■ 34.1658, 0.3476,
0.3236


■ 11.0216, 0.6017,
0.3188

■ 41.1047, 0.3283,
0.3264


■ 10.4885, 0.6273,
0.3230


■ 49.1037, 0.3127,
0.3290

 10.4880, 0.6274,
0.3230

 58.2047, 0.3002,
0.3314

 68.4473, 0.2900,
0.3336

 79.8692, 0.2817,
0.3356

 89.0111, 0.2744,
0.3317

Harmonies

Analogous

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



19.2471, 0.3709, 0.2663



19.2471, 0.4362, 0.3155



19.2471, 0.4624, 0.3708

Triad

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



19.2471, 0.4362, 0.3155



19.2471, 0.3168, 0.4604



19.2471, 0.1930, 0.2232

Complementary

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



19.2471, 0.4362, 0.3155



40.5744, 0.2539, 0.3444

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.



19.2471, 0.1828, 0.2592



19.2471, 0.4362, 0.3155



19.2471, 0.2486, 0.4051

Square

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



19.2471, 0.4362, 0.3155



19.2471, 0.3877, 0.4626



19.2471, 0.2012, 0.3248



19.2471, 0.2306, 0.2151

Rectangle

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



19.2471, 0.4362, 0.3155



19.2471, 0.4535, 0.4074



19.2471, 0.2012, 0.3248



19.2471, 0.1865, 0.2319

Sweetspot

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



19.2481, 0.4362, 0.3155



67.6662, 0.3379, 0.3249



20.5059, 0.3055, 0.2055



14.3259, 0.3421, 0.3244



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.



19.2481, 0.4362, 0.3155



28.6342, 0.4813, 0.3138



26.8374, 0.4240, 0.3789



9.0275, 0.3271, 0.3266



7.0627, 0.6253, 0.3218



0.2542, 0.5773, 0.2954

Inverse Universe

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



19.2481, 0.4362, 0.3155



28.6342, 0.4813, 0.3138



27.7962, 0.2371, 0.2707



9.0275, 0.3271, 0.3266



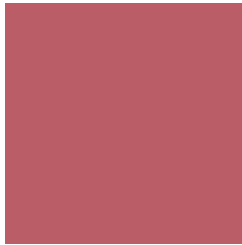
7.0627, 0.6253, 0.3218



0.2542, 0.5773, 0.2954

Previews

White Background



This preview shows how the Yxy color 19.2471, 0.4362, 0.3155 looks on a white background.

Color Contrast Check

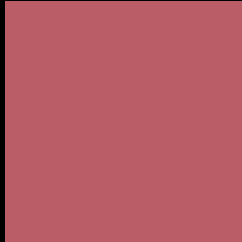
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2471, 0.4362, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

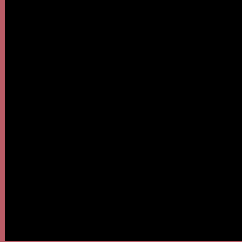
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2471, 0.4362, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 19.2471, 0.4362, 0.3155.



This preview shows how white text looks on a background with the Yxy color 19.2471, 0.4362, 0.3155.

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

19.2471, 0.4362, 0.3155

Protanopia

19.3427, 0.3212, 0.3346

Deuteranopia

19.3742, 0.3685, 0.3612



Tritanopia

19.1879, 0.4409, 0.3197

Trichromacy



Original Color

19.2471, 0.4362, 0.3155

Protanomaly

18.7642, 0.3592, 0.3257

Deuteranomaly

18.9143, 0.3940, 0.3424

Tritanomaly

19.2074, 0.4394, 0.3183

Monochromacy



Original Color

19.2471, 0.4362, 0.3155

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6264, 0.3538, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2471, 0.4362, 0.3155 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(186, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(186, 93, 103)  
}
```

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(186, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 93, 103) }
```

Border

The CSS property to change the border of an element to Yxy 19.2471, 0.4362, 0.3155 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(186, 93, 103) }
```

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

```
.border{ border-color:rgb(186, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 93, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 93, 103); box-shadow:4px 4px 4px 4px rgb(186, 93, 103) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2471, 0.4362, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 93, 103) }
```

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

```
.background{ background-color: rgb(186, 93,  
103) }
```

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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