

Converting Colors

$Yxy(19.8317, 0.4151, 0.3007)$

Have a look what the booklet for
Yxy(19.8317, 0.4151, 0.3007)
contains.

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Color

Yxy(19.8613, 0.4163, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	BA5F73
RGB	186, 95, 115
RGB Percent	73%, 37%, 45%
CMY	0.2707, 0.6274, 0.5491
CMYK	0.00, 0.49, 0.38, 0.27
HSL	347°, 40%, 55%
HSV	347°, 49%, 73%
XYZ	27.4328, 19.8613, 18.6027
YIQ	124.4890, 47.8160, 25.5120

Conversions

Conversions Part 2

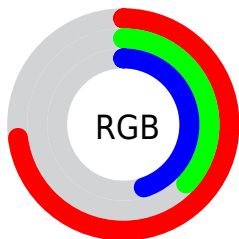
Format	Color
R _Y B	186, 95, 115
Decimal	12214131
CIE Lab	51.68, 38.71, 5.71
CIE LCh	52, 39.126, 8.395
Yxy	19.8613, 0.4163, 0.3014
Android (android.graphics.Color)	4290404211 (0xFFBA5F73)
YUV	124.4890, -4.6781, 53.9451
Hunter-Lab	44.5660, 31.8861, 6.4475

Details

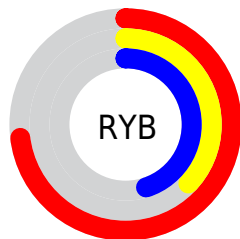
The Yxy color **19.8613, 0.4163, 0.3014** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.2989, 0.2609, 0.3605**, and the grayscale version is **20.3329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3823, 0.3927, 0.3085**, and **6.9524, 0.4607, 0.2880** is the 20% darker color. If you saturate the color by 10%, you get **16.5933, 0.4511, 0.2972**, and if you desaturate by 10%, it is **23.9838, 0.3865, 0.3068**.

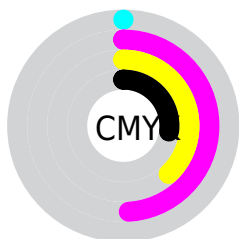
Distribution



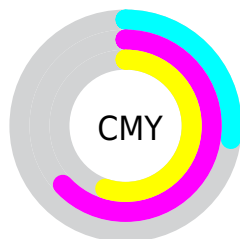
- Red (73%)
- Green (37%)
- Blue (45%)



- Red (73%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (38%)
- Black (27%)





- Cyan (27%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8613, 0.4163, 0.3014 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 19.8613, 0.4163, 0.3014 by changing the saturation by 10% instead.


 19.8613, 0.4163,
0.3014


 19.8613, 0.4163,
0.3014


251.1633, 0.3570,
0.3181


 12.2943, 0.4342,
0.2960


 43.1845, 0.3926,
0.3083


 6.9444, 0.4594,
0.2880


 59.7095, 0.3844,
0.3106

 3.4274, 0.4971,
0.2754


 79.9892, 0.3777,
0.3125

 1.3587, 0.5589,
0.2531

 104.4081, 0.3721,
0.3140

 0.1860, 0.8612,
0.1388

133.3506, 0.3675,
0.3153

 0.0000, 1.0000,
0.0000

167.2010, 0.3634,

 0.0000, 0.0000,

0.3164

0.0000

206.3438, 0.3600,
0.3173

■ 19.8613, 0.4163,
0.3014

■ 19.8613, 0.4163,
0.3014

■ 16.5933, 0.4511,
0.2972

■ 23.9838, 0.3865,
0.3068

■ 14.1164, 0.4898,
0.2951

■ 29.0122, 0.3617,
0.3126

■ 12.3634, 0.5301,
0.2961


■ 34.9974, 0.3413,
0.3185


■ 11.2544, 0.5678,
0.3008

■ 41.9857, 0.3248,
0.3242

■ 10.6512, 0.5991,
0.3084


■ 50.0202, 0.3114,
0.3296

 10.5960, 0.6022,
0.3091

 59.1416, 0.3005,
0.3345

 69.3886, 0.2916,
0.3390

 80.7976, 0.2844,
0.3431

 88.5883, 0.2777,
0.3390

Harmonies

Analogous

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



19.8613, 0.3471, 0.2567



19.8613, 0.4163, 0.3014



19.8613, 0.4544, 0.3542

Triad

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



19.8613, 0.4163, 0.3014



19.8613, 0.3377, 0.4612



19.8613, 0.1910, 0.2340

Complementary

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



19.8613, 0.4163, 0.3014



40.2989, 0.2609, 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.



19.8613, 0.1891, 0.2776



19.8613, 0.4163, 0.3014



19.8613, 0.2689, 0.4218

Square

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



19.8613, 0.4163, 0.3014



19.8613, 0.4034, 0.4503



19.8613, 0.2156, 0.3476



19.8613, 0.2200, 0.2184

Rectangle

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



19.8613, 0.4163, 0.3014



19.8613, 0.4548, 0.3903



19.8613, 0.2156, 0.3476



19.8613, 0.1873, 0.2453

Sweetspot

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



19.8623, 0.4163, 0.3014



67.8713, 0.3349, 0.3207



19.7057, 0.2934, 0.2034



14.3761, 0.3385, 0.3194



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.



19.8623, 0.4163, 0.3014



29.5368, 0.4551, 0.2969



24.5231, 0.4287, 0.3633



9.0436, 0.3254, 0.3240



7.1394, 0.5992, 0.3074



0.2611, 0.5271, 0.2677

Inverse Universe

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



19.8623, 0.4163, 0.3014



29.5368, 0.4551, 0.2969



31.7228, 0.2419, 0.2901



9.0436, 0.3254, 0.3240



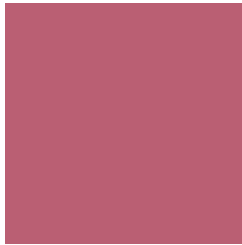
7.1394, 0.5992, 0.3074



0.2611, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 19.8613, 0.4163, 0.3014 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 19.8613, 0.4163, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

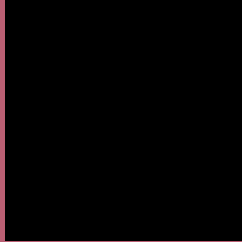
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8613, 0.4163, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 19.8613, 0.4163, 0.3014.

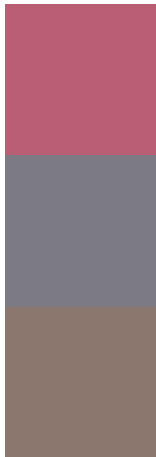


This preview shows how white text looks on a background with the Yxy color 19.8613, 0.4163, 0.3014.

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

19.8613, 0.4163, 0.3014

Protanopia

20.0897, 0.3050, 0.3144

Deuteranopia

19.9168, 0.3496, 0.3433



Tritanopia

19.8632, 0.4308, 0.3195

Trichromacy



Original Color

19.8613, 0.4163, 0.3014

Protanomaly

19.4940, 0.3426, 0.3087

Deuteranomaly

19.4898, 0.3746, 0.3259

Tritanomaly

19.7627, 0.4253, 0.3125

Monochromacy



Original Color

19.8613, 0.4163, 0.3014

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.3938, 0.3479, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8613, 0.4163, 0.3014 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, 95, 115)` looks like.

```
.text, #text, p{  
    color:rgb(186, 95, 115)  
}
```

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, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 95, 115) }
```

Border

The CSS property to change the border of an element to Yxy 19.8613, 0.4163, 0.3014 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, 95, 115) }
```

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

```
.border{ border-color:rgb(186, 95, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 95, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(186, 95,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8613, 0.4163, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 95, 115) }
```

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

```
.background{ background-color: rgb(186, 95,  
115) }
```

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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