

Converting Colors

$Y_{xy}(19.5459, 0.4133, 0.3025)$

Have a look what the booklet for
Yxy(19.5459, 0.4133, 0.3025)
contains.

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Color

Yxy(19.4666, 0.4140, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	B75F72
RGB	183, 95, 114
RGB Percent	72%, 37%, 45%
CMY	0.2823, 0.6275, 0.5530
CMYK	0.00, 0.48, 0.38, 0.28
HSL	347°, 38%, 55%
HSV	347°, 48%, 72%
XYZ	26.6595, 19.4666, 18.2689
YIQ	123.4780, 46.3490, 24.5650

Conversions

Conversions Part 2

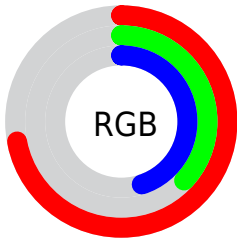
Format	Color
R _Y B	183, 95, 114
Decimal	12017522
CIE Lab	51.23, 37.52, 5.60
CIE LCh	51, 37.933, 8.492
Yxy	19.4666, 0.4140, 0.3023
Android (android.graphics.Color)	4290207602 (0xFFB75F72)
YUV	123.4780, -4.6727, 52.2008
Hunter-Lab	44.1210, 30.6446, 6.3349

Details

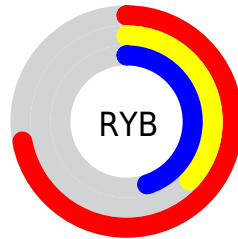
The Yxy color **19.4666, 0.4140, 0.3023** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.9857, 0.2613, 0.3593**, and the grayscale version is **19.9779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3214, 0.3902, 0.3082**, and **6.7821, 0.4570, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **16.2473, 0.4485, 0.2981**, and if you desaturate by 10%, it is **23.5135, 0.3845, 0.3076**.

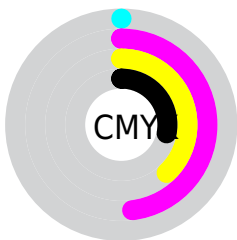
Distribution



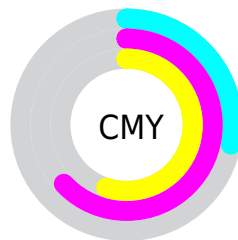
- Red (72%)
- Green (37%)
- Blue (45%)



- Red (72%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (38%)
- Black (28%)




- Cyan (28%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.4666, 0.4140, 0.3023 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 19.4666, 0.4140, 0.3023 by changing the saturation by 10% instead.


 19.4666, 0.4140,
0.3023


 19.4666, 0.4140,
0.3023


249.0127, 0.3558,
0.3185

 12.0079, 0.4317,
0.2970


 42.5211, 0.3907,
0.3090


 6.7491, 0.4566,
0.2892


 58.8856, 0.3826,
0.3113

 3.3057, 0.4941,
0.2768

 78.9876, 0.3761,
0.3131

 1.2933, 0.5561,
0.2546

 103.2114, 0.3706,
0.3146

 0.1360, 0.8865,
0.1135

131.9415, 0.3661,
0.3158

 0.0000, 0.0000,
0.0000

165.5621, 0.3621,

0.3168

204.4577, 0.3588,
0.3177

■ 19.4666, 0.4140,
0.3023

■ 19.4666, 0.4140,
0.3023

■ 16.2473, 0.4485,
0.2981

■ 23.5135, 0.3845,
0.3076

■ 13.7954, 0.4871,
0.2958

■ 28.4372, 0.3600,
0.3134

■ 12.0468, 0.5275,
0.2966


■ 34.2861, 0.3399,
0.3192

■ 10.9259, 0.5657,
0.3009

■ 41.1046, 0.3236,
0.3248

■ 10.3134, 0.5976,
0.3083

■ 48.9341, 0.3104,
0.3300

 10.2185, 0.6030,
0.3096

 57.8134, 0.2997,
0.3348

 67.7795, 0.2909,
0.3391

 78.8675, 0.2837,
0.3431

 88.0694, 0.2774,
0.3417

Harmonies

Analogous

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



19.4666, 0.3466, 0.2583



19.4666, 0.4140, 0.3023



19.4666, 0.4511, 0.3542

Triad

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



19.4666, 0.4140, 0.3023



19.4666, 0.3371, 0.4577



19.4666, 0.1936, 0.2360

Complementary

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



19.4666, 0.4140, 0.3023



38.9857, 0.2613, 0.3593

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.



19.4666, 0.1916, 0.2789



19.4666, 0.4140, 0.3023



19.4666, 0.2698, 0.4191

Square

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



19.4666, 0.4140, 0.3023



19.4666, 0.4014, 0.4478



19.4666, 0.2176, 0.3470



19.4666, 0.2221, 0.2207

Rectangle

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



19.4666, 0.4140, 0.3023



19.4666, 0.4515, 0.3895



19.4666, 0.2176, 0.3470



19.4666, 0.1899, 0.2471

Sweetspot

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



19.4676, 0.4140, 0.3023



65.9007, 0.3332, 0.3214



19.4899, 0.2956, 0.2062



13.9933, 0.3369, 0.3202



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.



19.4676, 0.4140, 0.3023



28.6613, 0.4517, 0.2978



24.3124, 0.4247, 0.3648



9.0431, 0.3255, 0.3241



7.1361, 0.6002, 0.3080



0.2608, 0.5286, 0.2685

Inverse Universe

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



19.4676, 0.4140, 0.3023



28.6613, 0.4517, 0.2978



30.3314, 0.2426, 0.2884



9.0431, 0.3255, 0.3241



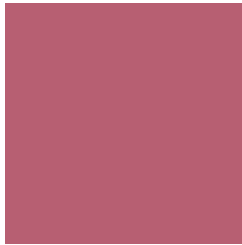
7.1361, 0.6002, 0.3080



0.2608, 0.5286, 0.2685

Previews

White Background



This preview shows how the Yxy color 19.4666, 0.4140, 0.3023 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 19.4666, 0.4140, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

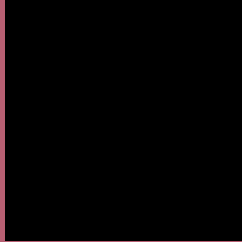
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4666, 0.4140, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 19.4666, 0.4140, 0.3023.



This preview shows how white text looks on a background with the Yxy color 19.4666, 0.4140, 0.3023.

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

19.4666, 0.4140, 0.3023

Protanopia

19.7150, 0.3061, 0.3161

Deuteranopia

19.5716, 0.3499, 0.3434



Tritanopia

19.4939, 0.4270, 0.3193

Trichromacy



Original Color

19.4666, 0.4140, 0.3023

Protanomaly

19.0633, 0.3415, 0.3084

Deuteranomaly

19.2681, 0.3733, 0.3275

Tritanomaly

19.3935, 0.4214, 0.3122

Monochromacy



Original Color

19.4666, 0.4140, 0.3023

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.1861, 0.3465, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4666, 0.4140, 0.3023 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(183, 95, 114)` looks like.

```
.text, #text, p{  
    color:rgb(183, 95, 114)  
}
```

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(183, 95, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 95, 114) }
```

Border

The CSS property to change the border of an element to Yxy 19.4666, 0.4140, 0.3023 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(183, 95, 114) }
```

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

```
.border{ border-color:rgb(183, 95, 114) }
```

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

Here you see how a box with a 4 pixel rgb(183, 95, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 95, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 95, 114);  
box-shadow:4px 4px 4px 4px rgb(183, 95,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4666, 0.4140, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 95, 114) }
```

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

```
.background{ background-color: rgb(183, 95,  
114) }
```

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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