

Converting Colors

$Yxy(19.5647, 0.4185, 0.2881)$

Have a look what the booklet for
Yxy(19.5647, 0.4185, 0.2881)
contains.

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Color

Yxy(19.5772, 0.4179, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	BF5978
RGB	191, 89, 120
RGB Percent	75%, 35%, 47%
CMY	0.2510, 0.6509, 0.5294
CMYK	0.00, 0.53, 0.37, 0.25
HSL	342°, 44%, 55%
HSV	342°, 53%, 75%
XYZ	28.4468, 19.5772, 20.0469
YIQ	123.0320, 50.8410, 31.2650

Conversions

Conversions Part 2

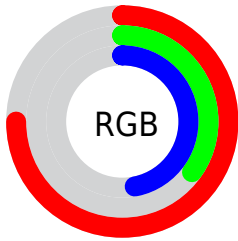
Format	Color
R_{YB}	191, 89, 120
Decimal	12540280
CIE _{Lab}	51.36, 44.13, 2.35
CIE _{LCh}	51, 44.189, 3.052
Yxy	19.5772, 0.4179, 0.2876
Android (android.graphics.Color)	4290730360 (0xFFBF5978)
YUV	123.0320, -1.4948, 59.6079
Hunter-Lab	44.2461, 37.3310, 4.1094

Details

The Yxy color **19.5772, 0.4179, 0.2876** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **41.9215, 0.2625, 0.3782**, and the grayscale version is **19.8120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6486, 0.3941, 0.2973**, and **6.7980, 0.4605, 0.2691** is the 20% darker color. If you saturate the color by 10%, you get **16.5001, 0.4502, 0.2824**, and if you desaturate by 10%, it is **23.5257, 0.3897, 0.2947**.

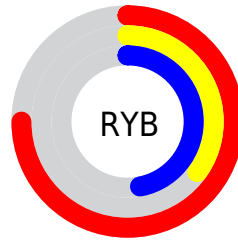
Distribution



Red (75%)

Green (35%)

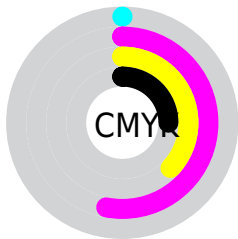
Blue (47%)



Red (75%)

Yellow (35%)

Blue (47%)

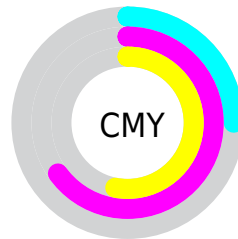


Cyan (0%)

Magenta (53%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (65%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5772, 0.4179, 0.2876 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 19.5772, 0.4179, 0.2876 by changing the saturation by 10% instead.


 19.5772, 0.4179,
0.2876


 19.5772, 0.4179,
0.2876


249.6170, 0.3578,
0.3116


 12.0881, 0.4359,
0.2802


 42.7072, 0.3940,
0.2973

 6.8037, 0.4612,
0.2697


 59.1168, 0.3857,
0.3006

 3.3396, 0.4990,
0.2538

 79.2688, 0.3789,
0.3033

 1.3115, 0.5605,
0.2272

 103.5475, 0.3732,
0.3055

 0.1501, 0.8950,
0.1050

132.3372, 0.3685,
0.3074

 0.0000, 1.0000,
0.0000

166.0225, 0.3644,

 0.0000, 0.0000,

0.3090

0.0000

204.9876, 0.3609,
0.3104

■ 19.5772, 0.4179,
0.2876

■ 19.5772, 0.4179,
0.2876

■ 16.5001, 0.4502,
0.2824

■ 23.5257, 0.3897,
0.2947

■ 14.2243, 0.4856,
0.2802

■ 28.4024, 0.3659,
0.3027

■ 12.6739, 0.5217,
0.2820

■ 34.2630, 0.3461,
0.3109

■ 11.7565, 0.5554,
0.2885

■ 41.1579, 0.3299,
0.3189

■ 11.3812, 0.5755,
0.2944

■ 49.1338, 0.3166,
0.3265

■ 58.2348, 0.3058,
0.3336

■ 68.5024, 0.2970,
0.3402

■ 79.9760, 0.2898,
0.3461

■ 88.8669, 0.2834,
0.3454

Harmonies

Analogous

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



19.5772, 0.3357, 0.2411



19.5772, 0.4179, 0.2876



19.5772, 0.4691, 0.3443

Triad

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



19.5772, 0.4179, 0.2876



19.5772, 0.3529, 0.4815



19.5772, 0.1750, 0.2282

Complementary

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



19.5772, 0.4179, 0.2876



41.9215, 0.2625, 0.3782

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.



19.5772, 0.1779, 0.2818



19.5772, 0.4179, 0.2876



19.5772, 0.2751, 0.4483

Square

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



19.5772, 0.4179, 0.2876



19.5772, 0.4241, 0.4572



19.5772, 0.2119, 0.3655



19.5772, 0.2014, 0.2068

Rectangle

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



19.5772, 0.4179, 0.2876



19.5772, 0.4748, 0.3842



19.5772, 0.2119, 0.3655



19.5772, 0.1727, 0.2423

Sweetspot

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



19.5782, 0.4179, 0.2876



69.9961, 0.3342, 0.3166



18.2483, 0.2810, 0.1884



14.7960, 0.3375, 0.3150



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



19.5782, 0.4179, 0.2876



28.8004, 0.4558, 0.2818



22.4607, 0.4517, 0.3545



9.5828, 0.3242, 0.3221



7.4929, 0.5720, 0.2925



0.3055, 0.5018, 0.2538

Inverse Universe

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



19.5782, 0.4179, 0.2876



28.8004, 0.4558, 0.2818



35.5038, 0.2391, 0.2997



9.5828, 0.3242, 0.3221



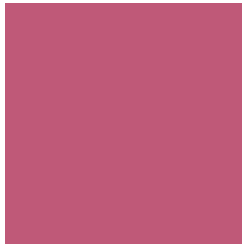
7.4929, 0.5720, 0.2925



0.3055, 0.5018, 0.2538

Previews

White Background



This preview shows how the Yxy color 19.5772, 0.4179, 0.2876 looks on a white background.

Color Contrast Check

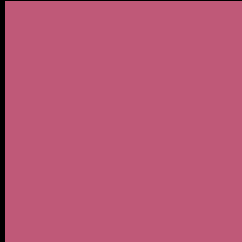
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5772, 0.4179, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

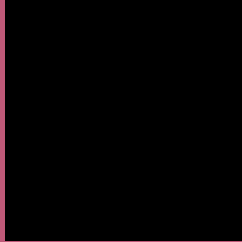
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5772, 0.4179, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 19.5772, 0.4179, 0.2876.



This preview shows how white text looks on a background with the Yxy color 19.5772, 0.4179, 0.2876.

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

19.5772, 0.4179, 0.2876

Protanopia

19.8056, 0.2908, 0.2963

Deuteranopia

19.8347, 0.3420, 0.3362



Tritanopia

19.5484, 0.4462, 0.3213

Trichromacy



Original Color

19.5772, 0.4179, 0.2876

Protanomaly

18.9563, 0.3316, 0.2902

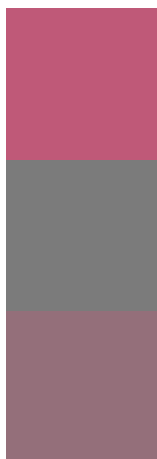
Deuteranomaly

19.1776, 0.3685, 0.3144

Tritanomaly

19.6630, 0.4356, 0.3091

Monochromacy



Original Color

19.5772, 0.4179, 0.2876

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.0699, 0.3484, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5772, 0.4179, 0.2876 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(191, 89, 120)` looks like.

```
.text, #text, p{  
    color:rgb(191, 89, 120)  
}
```

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(191, 89, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 89, 120) }
```

Border

The CSS property to change the border of an element to Yxy 19.5772, 0.4179, 0.2876 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(191, 89, 120) }
```

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

```
.border{ border-color:rgb(191, 89, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 89, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 89, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 89, 120);  
box-shadow:4px 4px 4px 4px rgb(191, 89,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5772, 0.4179, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 89, 120) }
```

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

```
.background{ background-color: rgb(191, 89,  
120) }
```

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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