

Converting Colors

$Y_{xy}(19.2375, 0.3982, 0.2790)$

Have a look what the booklet for
Yxy(19.2375, 0.3982, 0.2790)
contains.

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Color

Yxy(19.3288, 0.3982, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	B95B7F
RGB	185, 91, 127
RGB Percent	73%, 36%, 50%
CMY	0.2745, 0.6431, 0.5020
CMYK	0.00, 0.51, 0.31, 0.27
HSL	337°, 40%, 54%
HSV	337°, 51%, 73%
XYZ	27.5770, 19.3288, 22.3483
YIQ	123.2100, 44.4680, 31.1240

Conversions

Conversions Part 2

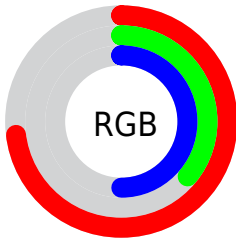
Format	Color
R_{YB}	185, 91, 127
Decimal	12147583
CIE _{Lab}	51.07, 41.92, -2.34
CIE _{LCh}	51, 41.980, 356.807
Yxy	19.3288, 0.3982, 0.2791
Android (android.graphics.Color)	4290337663 (0xFFB95B7F)
YUV	123.2100, 1.8685, 54.1898
Hunter-Lab	43.9645, 35.0270, 0.6366

Details

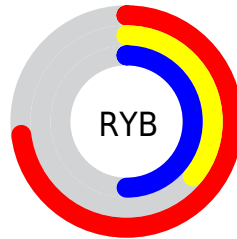
The Yxy color **19.3288, 0.3982, 0.2791** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.0907, 0.2689, 0.3880**, and the grayscale version is **19.8639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2965, 0.3781, 0.2899**, and **6.6682, 0.4335, 0.2592** is the 20% darker color. If you saturate the color by 10%, you get **16.2657, 0.4252, 0.2714**, and if you desaturate by 10%, it is **23.2071, 0.3748, 0.2885**.

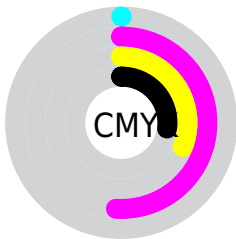
Distribution



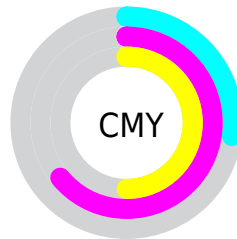
- Red (73%)
- Green (36%)
- Blue (50%)



- Red (73%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (51%)
- Yellow (31%)
- Black (27%)





- Cyan (27%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3288, 0.3982, 0.2791 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 19.3288, 0.3982, 0.2791 by changing the saturation by 10% instead.


 19.3288, 0.3982,
0.2791

 19.3288, 0.3982,
0.2791


248.2580, 0.3496,
0.3072


 11.9081, 0.4127,
0.2708


 42.2890, 0.3789,
0.2902


 6.6811, 0.4331,
0.2594


 58.5972, 0.3722,
0.2940

 3.2635, 0.4635,
0.2424

 78.6368, 0.3667,
0.2972

 1.2708, 0.5136,
0.2152

 102.7920, 0.3621,
0.2999

 0.1184, 0.7403,
0.0748

131.4474, 0.3583,
0.3021

 0.0000, 1.0000,
0.0000

164.9872, 0.3550,

 0.0000, 0.0000,

0.3041

0.0000

203.7959, 0.3521,
0.3057

■ 19.3288, 0.3982,
0.2791

■ 19.3288, 0.3982,
0.2791

■ 16.2657, 0.4252,
0.2714

■ 23.2071, 0.3748,
0.2885

■ 13.9555, 0.4552,
0.2665

■ 27.9513, 0.3549,
0.2987

■ 12.3314, 0.4868,
0.2658

■ 33.6111, 0.3384,
0.3089

■ 11.3134, 0.5180,
0.2700

■ 40.2317, 0.3247,
0.3189

■ 10.7657, 0.5449,
0.2775

■ 47.8555, 0.3135,
0.3283

■ 56.5219, 0.3043,
0.3370

■ 66.2686, 0.2968,
0.3451

■ 77.1312, 0.2906,
0.3525

■ 87.5330, 0.2853,
0.3566

Harmonies

Analogous

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



19.3288, 0.3180, 0.2372



19.3288, 0.3982, 0.2791



19.3288, 0.4556, 0.3326

Triad

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



19.3288, 0.3982, 0.2791



19.3288, 0.3673, 0.4735



19.3288, 0.1784, 0.2407

Complementary

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



19.3288, 0.3982, 0.2791



39.0907, 0.2689, 0.3880

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.



19.3288, 0.1875, 0.2992



19.3288, 0.3982, 0.2791



19.3288, 0.2923, 0.4536

Square

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



19.3288, 0.3982, 0.2791



19.3288, 0.4316, 0.4433



19.3288, 0.2269, 0.3819



19.3288, 0.1981, 0.2136

Rectangle

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



19.3288, 0.3982, 0.2791



19.3288, 0.4685, 0.3709



19.3288, 0.2269, 0.3819



19.3288, 0.1782, 0.2566

Sweetspot

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



19.3298, 0.3982, 0.2791



66.5734, 0.3305, 0.3145



17.3737, 0.2759, 0.1926



13.8214, 0.3334, 0.3124



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.



19.3298, 0.3982, 0.2791



28.5705, 0.4286, 0.2706



20.5675, 0.4465, 0.3446



9.0676, 0.3229, 0.3203



7.3444, 0.5416, 0.2757



0.2711, 0.4718, 0.2373

Inverse Universe

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



19.3298, 0.3982, 0.2791



28.5705, 0.4286, 0.2706



36.0106, 0.2441, 0.3116



9.0676, 0.3229, 0.3203



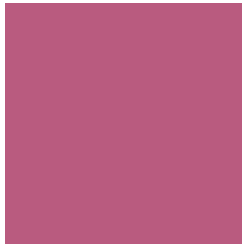
7.3444, 0.5416, 0.2757



0.2711, 0.4718, 0.2373

Previews

White Background



This preview shows how the Yxy color 19.3288, 0.3982, 0.2791 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 19.3288, 0.3982, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

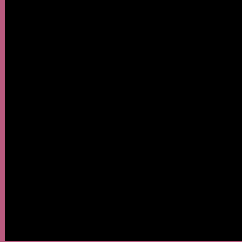
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3288, 0.3982, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 19.3288, 0.3982, 0.2791.



This preview shows how white text looks on a background with the Yxy color 19.3288, 0.3982, 0.2791.

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

19.3288, 0.3982, 0.2791

Protanopia

19.5320, 0.2813, 0.2837

Deuteranopia

19.4553, 0.3271, 0.3201



Tritanopia

19.4123, 0.4305, 0.3194

Trichromacy



Original Color

19.3288, 0.3982, 0.2791

Protanomaly

18.7667, 0.3189, 0.2798

Deuteranomaly

18.9527, 0.3533, 0.3025

Tritanomaly

19.3656, 0.4189, 0.3039

Monochromacy



Original Color

19.3288, 0.3982, 0.2791

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.9351, 0.3431, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3288, 0.3982, 0.2791 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(185, 91, 127)` looks like.

```
.text, #text, p{  
    color:rgb(185, 91, 127)  
}
```

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(185, 91, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 91, 127) }
```

Border

The CSS property to change the border of an element to Yxy 19.3288, 0.3982, 0.2791 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(185, 91, 127) }
```

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

```
.border{ border-color:rgb(185, 91, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 91, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 91, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 91, 127); box-shadow:4px 4px 4px 4px rgb(185, 91, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3288, 0.3982, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 91, 127) }
```

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

```
.background{ background-color: rgb(185, 91,  
127) }
```

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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