

Converting Colors

$Y_{xy}(19.6861, 0.4019, 0.2866)$

Have a look what the booklet for
Yxy(19.6861, 0.4019, 0.2866)
contains.

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Color

Yxy(19.5982, 0.4020, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	B95D7C
RGB	185, 93, 124
RGB Percent	73%, 36%, 49%
CMY	0.2746, 0.6352, 0.5138
CMYK	0.00, 0.50, 0.33, 0.27
HSL	340°, 40%, 55%
HSV	340°, 50%, 73%
XYZ	27.5568, 19.5982, 21.3942
YIQ	124.0420, 44.8810, 29.1450

Conversions

Conversions Part 2

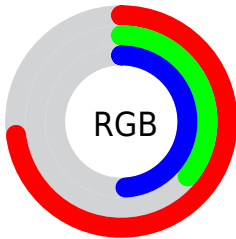
Format	Color
R _Y B	185, 93, 124
Decimal	12148092
CIE Lab	51.38, 40.50, -0.10
CIE LCh	51, 40.498, 359.859
Yxy	19.5982, 0.4020, 0.2859
Android (android.graphics.Color)	4290338172 (0xFFB95D7C)
YUV	124.0420, -0.0207, 53.4602
Hunter-Lab	44.2699, 33.6391, 2.3360

Details

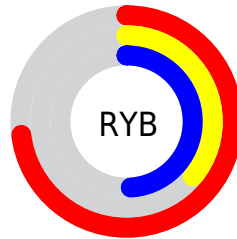
The Yxy color **19.5982, 0.4020, 0.2859** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.3539, 0.2669, 0.3793**, and the grayscale version is **20.1607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7470, 0.3818, 0.2963**, and **6.8311, 0.4395, 0.2693** is the 20% darker color. If you saturate the color by 10%, you get **16.4432, 0.4310, 0.2791**, and if you desaturate by 10%, it is **23.5792, 0.3770, 0.2942**.

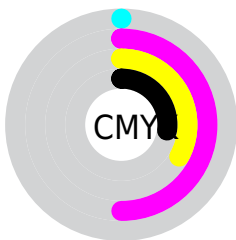
Distribution



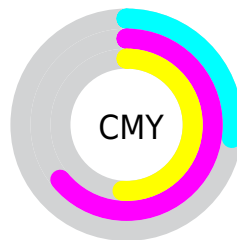
- Red (73%)
- Green (36%)
- Blue (49%)



- Red (73%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (33%)
- Black (27%)




- Cyan (27%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5982, 0.4020, 0.2859 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 19.5982, 0.4020, 0.2859 by changing the saturation by 10% instead.


 19.5982, 0.4020,
0.2859


 19.5982, 0.4020,
0.2859


249.7316, 0.3511,
0.3105


 12.1033, 0.4173,
0.2785


 42.7425, 0.3818,
0.2957


 6.8141, 0.4387,
0.2682


 59.1607, 0.3747,
0.2991

 3.3461, 0.4707,
0.2528

 79.3221, 0.3690,
0.3018

 1.3150, 0.5236,
0.2273

 103.6112, 0.3642,
0.3041

 0.1528, 0.7819,
0.1022

132.4123, 0.3602,
0.3061

 0.0000, 1.0000,
0.0000

166.1098, 0.3567,

 0.0000, 0.0000,

0.3078

0.0000

205.0881, 0.3537,
0.3092

■ 19.5982, 0.4020,
0.2859

■ 19.5982, 0.4020,
0.2859

■ 16.4432, 0.4310,
0.2791

■ 23.5792, 0.3770,
0.2942

■ 14.0523, 0.4634,
0.2749

■ 28.4365, 0.3559,
0.3032

■ 12.3594, 0.4977,
0.2745

■ 34.2197, 0.3385,
0.3123


■ 11.2858, 0.5313,
0.2788


■ 40.9739, 0.3241,
0.3210

■ 10.6788, 0.5620,
0.2872

■ 48.7414, 0.3124,
0.3292

 10.6636, 0.5628,
0.2874

 57.5615, 0.3028,
0.3369

 67.4720, 0.2950,
0.3439

 78.5085, 0.2885,
0.3503

 87.7968, 0.2829,
0.3514

Harmonies

Analogous

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



19.5982, 0.3259, 0.2437



19.5982, 0.4020, 0.2859



19.5982, 0.4533, 0.3386

Triad

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



19.5982, 0.4020, 0.2859



19.5982, 0.3586, 0.4682



19.5982, 0.1836, 0.2401

Complementary

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



19.5982, 0.4020, 0.2859



39.3539, 0.2669, 0.3793

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.



19.5982, 0.1896, 0.2936



19.5982, 0.4020, 0.2859



19.5982, 0.2863, 0.4429

Square

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



19.5982, 0.4020, 0.2859



19.5982, 0.4224, 0.4440



19.5982, 0.2250, 0.3715



19.5982, 0.2055, 0.2164

Rectangle

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



19.5982, 0.4020, 0.2859



19.5982, 0.4626, 0.3759



19.5982, 0.2250, 0.3715



19.5982, 0.1824, 0.2546

Sweetspot

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



19.5992, 0.4020, 0.2859



66.4876, 0.3317, 0.3162



18.0865, 0.2805, 0.1968



13.8007, 0.3348, 0.3144



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.



19.5992, 0.4020, 0.2859



28.8397, 0.4350, 0.2784



21.5796, 0.4398, 0.3487



9.0608, 0.3236, 0.3213



7.2745, 0.5595, 0.2856



0.2683, 0.4857, 0.2449

Inverse Universe

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



19.5992, 0.4020, 0.2859



28.8397, 0.4350, 0.2784



35.0282, 0.2443, 0.3070



9.0608, 0.3236, 0.3213



7.2745, 0.5595, 0.2856



0.2683, 0.4857, 0.2449

Previews

White Background



This preview shows how the Yxy color 19.5982, 0.4020, 0.2859 looks on a white background.

Color Contrast Check

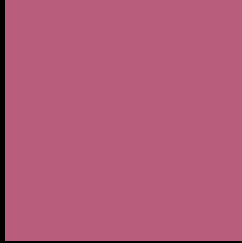
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5982, 0.4020, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

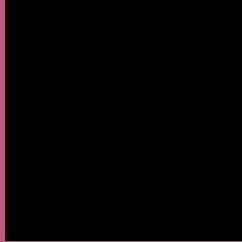
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5982, 0.4020, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 19.5982, 0.4020, 0.2859.



This preview shows how white text looks on a background with the Yxy color 19.5982, 0.4020, 0.2859.

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

19.5982, 0.4020, 0.2859

Protanopia

19.8651, 0.2887, 0.2928

Deuteranopia

19.7840, 0.3332, 0.3273



Tritanopia

19.6161, 0.4283, 0.3194

Trichromacy



Original Color

19.5982, 0.4020, 0.2859

Protanomaly

19.0474, 0.3263, 0.2883

Deuteranomaly

19.4024, 0.3582, 0.3109

Tritanomaly

19.7038, 0.4194, 0.3081

Monochromacy



Original Color

19.5982, 0.4020, 0.2859

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.3765, 0.3426, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5982, 0.4020, 0.2859 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, 93, 124)` looks like.

```
.text, #text, p{  
    color:rgb(185, 93, 124)  
}
```

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, 93, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 93, 124) }
```

Border

The CSS property to change the border of an element to Yxy 19.5982, 0.4020, 0.2859 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, 93, 124) }
```

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

```
.border{ border-color:rgb(185, 93, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 93, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 93, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 93, 124);  
box-shadow:4px 4px 4px 4px rgb(185, 93,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5982, 0.4020, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 93, 124) }
```

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

```
.background{ background-color: rgb(185, 93,  
124) }
```

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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