

Converting Colors

$Y_{xy}(19.1504, 0.4063, 0.2892)$

Have a look what the booklet for
Yxy(19.1504, 0.4063, 0.2892)
contains.

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Color

Yxy(19.2007, 0.4074, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	B85C78
RGB	184, 92, 120
RGB Percent	72%, 36%, 47%
CMY	0.2784, 0.6392, 0.5295
CMYK	0.00, 0.50, 0.35, 0.28
HSL	342°, 39%, 54%
HSV	342°, 50%, 72%
XYZ	26.9830, 19.2007, 20.0485
YIQ	122.7000, 45.8440, 28.2120

Conversions

Conversions Part 2

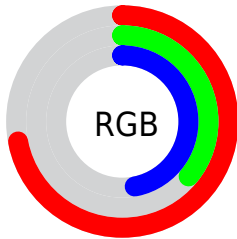
Format	Color
R_{YB}	184, 92, 120
Decimal	12082296
CIE _{Lab}	50.92, 40.16, 1.60
CIE _{LCh}	51, 40.193, 2.282
Yxy	19.2007, 0.4074, 0.2899
Android (android.graphics.Color)	4290272376 (0xFFB85C78)
YUV	122.7000, -1.3311, 53.7601
Hunter-Lab	43.8186, 33.2356, 3.5459

Details

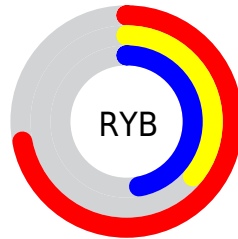
The Yxy color **19.2007, 0.4074, 0.2899** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **38.9561, 0.2649, 0.3744**, and the grayscale version is **19.6973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1066, 0.3854, 0.2995**, and **6.6430, 0.4462, 0.2728** is the 20% darker color. If you saturate the color by 10%, you get **16.1010, 0.4382, 0.2839**, and if you desaturate by 10%, it is **23.1180, 0.3808, 0.2974**.

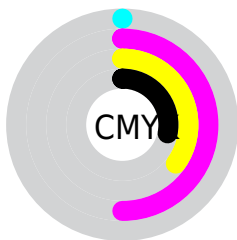
Distribution



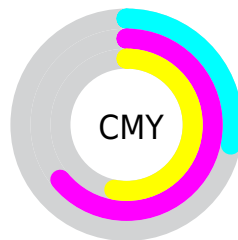
- Red (72%)
- Green (36%)
- Blue (47%)



- Red (72%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (28%)



- Cyan (28%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2007, 0.4074, 0.2899 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 19.2007, 0.4074, 0.2899 by changing the saturation by 10% instead.


 19.2007, 0.4074,
0.2899


 19.2007, 0.4074,
0.2899


247.5545, 0.3532,
0.3125


 11.8154, 0.4238,
0.2829


 42.0730, 0.3857,
0.2990

 6.6181, 0.4469,
0.2731


 58.3287, 0.3782,
0.3021

 3.2244, 0.4817,
0.2580

 78.3100, 0.3721,
0.3047

 1.2500, 0.5393,
0.2326

 102.4014, 0.3670,
0.3068

 0.1020, 0.9152,
0.0848

130.9871, 0.3627,
0.3086

 0.0000, 1.0000,
0.0000

164.4516, 0.3591,

 0.0000, 0.0000,

0.3101

0.0000

203.1793, 0.3559,
0.3114

■ 19.2007, 0.4074,
0.2899

■ 19.2007, 0.4074,
0.2899

■ 16.1010, 0.4382,
0.2839

■ 23.1180, 0.3808,
0.2974

■ 13.7573, 0.4726,
0.2805

■ 27.9029, 0.3585,
0.3055

■ 12.1040, 0.5087,
0.2808

■ 33.6047, 0.3401,
0.3137

■ 11.0627, 0.5436,
0.2856


■ 40.2682, 0.3250,
0.3216

■ 10.4753, 0.5747,
0.2940

■ 47.9352, 0.3127,
0.3290

 10.4749, 0.5747,
0.2940

 56.6451, 0.3027,
0.3359

 66.4350, 0.2944,
0.3422

 77.3405, 0.2877,
0.3480

 87.7207, 0.2819,
0.3505

Harmonies

Analogous

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



19.2007, 0.3322, 0.2466



19.2007, 0.4074, 0.2899



19.2007, 0.4555, 0.3431

Triad

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



19.2007, 0.4074, 0.2899



19.2007, 0.3528, 0.4682



19.2007, 0.1844, 0.2372

Complementary

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



19.2007, 0.4074, 0.2899



38.9561, 0.2649, 0.3744

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.



19.2007, 0.1881, 0.2882



19.2007, 0.4074, 0.2899



19.2007, 0.2807, 0.4384

Square

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



19.2007, 0.4074, 0.2899



19.2007, 0.4180, 0.4471



19.2007, 0.2212, 0.3648



19.2007, 0.2085, 0.2158

Rectangle

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



19.2007, 0.4074, 0.2899



19.2007, 0.4621, 0.3804



19.2007, 0.2212, 0.3648



19.2007, 0.1825, 0.2508

Sweetspot

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



19.2017, 0.4074, 0.2899



66.4273, 0.3326, 0.3175



18.0721, 0.2838, 0.1975



13.7862, 0.3358, 0.3158



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.



19.2017, 0.4074, 0.2899



28.6989, 0.4416, 0.2834



21.8732, 0.4383, 0.3531



9.0560, 0.3241, 0.3221



7.2308, 0.5715, 0.2922



0.2663, 0.4963, 0.2508

Inverse Universe

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



19.2017, 0.4074, 0.2899



28.6989, 0.4416, 0.2834



33.4221, 0.2431, 0.3019



9.0560, 0.3241, 0.3221



7.2308, 0.5715, 0.2922



0.2663, 0.4963, 0.2508

Previews

White Background



This preview shows how the Yxy color 19.2007, 0.4074, 0.2899 looks on a white background.

Color Contrast Check

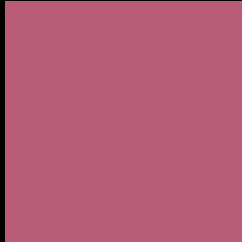
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2007, 0.4074, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

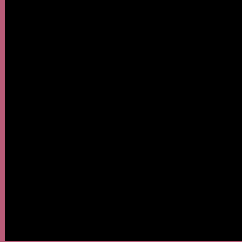
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2007, 0.4074, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 19.2007, 0.4074, 0.2899.



This preview shows how white text looks on a background with the Yxy color 19.2007, 0.4074, 0.2899.

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

19.2007, 0.4074, 0.2899

Protanopia

19.4028, 0.2927, 0.2995

Deuteranopia

19.4521, 0.3384, 0.3327



Tritanopia

19.0888, 0.4314, 0.3194

Trichromacy



Original Color

19.2007, 0.4074, 0.2899

Protanomaly

18.6302, 0.3302, 0.2930

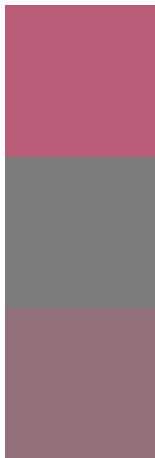
Deuteranomaly

18.9939, 0.3627, 0.3157

Tritanomaly

19.1768, 0.4223, 0.3081

Monochromacy



Original Color

19.2007, 0.4074, 0.2899

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.0132, 0.3442, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2007, 0.4074, 0.2899 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(184, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(184, 92, 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(184, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 92, 120) }
```

Border

The CSS property to change the border of an element to Yxy 19.2007, 0.4074, 0.2899 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(184, 92, 120) }
```

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

```
.border{ border-color:rgb(184, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(184, 92,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2007, 0.4074, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 92, 120) }
```

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

```
.background{ background-color: rgb(184, 92,  
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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