

Converting Colors

$Y_{xy}(18.7319, 0.4203, 0.2714)$

Have a look what the booklet for
Yxy(18.7319, 0.4203, 0.2714)
contains.

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Color

Yxy(18.6493, 0.4211, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	C34F7C
RGB	195, 79, 124
RGB Percent	76%, 31%, 49%
CMY	0.2352, 0.6903, 0.5137
CMYK	0.00, 0.60, 0.36, 0.24
HSL	337°, 49%, 54%
HSV	337°, 60%, 76%
XYZ	28.9466, 18.6493, 21.1446
YIQ	118.8140, 54.6910, 38.5870

Conversions

Conversions Part 2

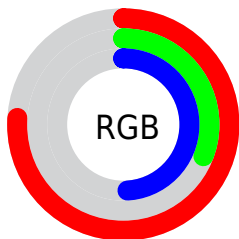
Format	Color
R_{YB}	195, 79, 124
Decimal	12799868
CIE _{Lab}	50.27, 50.74, -1.55
CIE _{LCh}	50, 50.759, 358.248
Yxy	18.6493, 0.4211, 0.2713
Android (android.graphics.Color)	4290989948 (0xFFC34F7C)
YUV	118.8140, 2.5567, 66.8151
Hunter-Lab	43.1848, 44.0744, 1.1992

Details

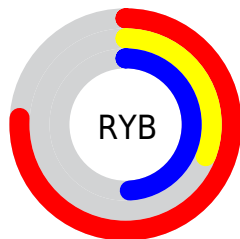
The Yxy color **18.6493, 0.4211, 0.2713** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **42.9089, 0.2645, 0.4017**, and the grayscale version is **18.3629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1696, 0.3973, 0.2847**, and **6.3267, 0.4657, 0.2489** is the 20% darker color. If you saturate the color by 10%, you get **15.9546, 0.4506, 0.2660**, and if you desaturate by 10%, it is **22.2076, 0.3947, 0.2794**.

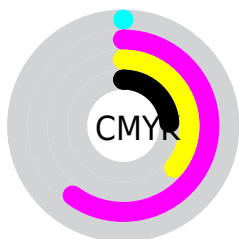
Distribution



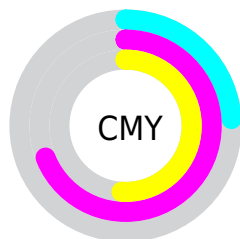
- Red (76%)
- Green (31%)
- Blue (49%)



- Red (76%)
- Yellow (31%)
- Blue (49%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (24%)





- Cyan (24%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.6493, 0.4211, 0.2713 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 18.6493, 0.4211, 0.2713 by changing the saturation by 10% instead.


 18.6493, 0.4211,
0.2713


 18.6493, 0.4211,
0.2713


244.5058, 0.3593,
0.3040


 11.4171, 0.4396,
0.2616


 41.1407, 0.3965,
0.2842

 6.3481, 0.4655,
0.2482


 57.1686, 0.3879,
0.2888


 3.0579, 0.5042,
0.2283

 76.8974, 0.3809,
0.2925

 1.1620, 0.5669,
0.1965

 100.7112, 0.3751,
0.2955

 0.0304, 0.8865,
0.0200

 128.9946, 0.3702,
0.2981

 0.0000, 1.0000,
0.0000

162.1319, 0.3660,

 0.0000, 0.0000,

0.3004

0.0000

200.5075, 0.3624,
0.3023

■ 18.6493, 0.4211,
0.2713

■ 18.6493, 0.4211,
0.2713

■ 15.9546, 0.4506,
0.2660

■ 22.2076, 0.3947,
0.2794

■ 14.0447, 0.4819,
0.2646

■ 26.6933, 0.3718,
0.2891

■ 12.8314, 0.5131,
0.2683

■ 32.1675, 0.3525,
0.2995

■ 12.1530, 0.5422,
0.2764

■ 38.6854, 0.3364,
0.3099

■ 12.1240, 0.5436,
0.2768

■ 46.2978, 0.3231,
0.3200

■ 55.0524, 0.3122,
0.3295

■ 64.9939, 0.3033,
0.3383

■ 76.1647, 0.2960,
0.3464

■ 88.6051, 0.2899,
0.3539

Harmonies

Analogous

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



18.6493, 0.3225, 0.2225



18.6493, 0.4211, 0.2713



18.6493, 0.4890, 0.3326

Triad

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



18.6493, 0.4211, 0.2713



18.6493, 0.3696, 0.5061



18.6493, 0.1554, 0.2195

Complementary

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



18.6493, 0.4211, 0.2713



42.9089, 0.2645, 0.4017

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.



18.6493, 0.1629, 0.2857



18.6493, 0.4211, 0.2713



18.6493, 0.2807, 0.4828

Square

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



18.6493, 0.4211, 0.2713



18.6493, 0.4487, 0.4644



18.6493, 0.2054, 0.3885



18.6493, 0.1794, 0.1918

Rectangle

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



18.6493, 0.4211, 0.2713



18.6493, 0.5007, 0.3767



18.6493, 0.2054, 0.3885



18.6493, 0.1543, 0.2369

Sweetspot

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



18.6503, 0.4211, 0.2713



70.8262, 0.3346, 0.3112



15.8828, 0.2649, 0.1685



14.6928, 0.3390, 0.3081



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



18.6503, 0.4211, 0.2713



27.5482, 0.4586, 0.2652



19.5814, 0.4854, 0.3440



10.1412, 0.3229, 0.3201



7.8922, 0.5401, 0.2749



0.3545, 0.4801, 0.2419

Inverse Universe

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



18.6503, 0.4211, 0.2713



27.5482, 0.4586, 0.2652



39.6468, 0.2361, 0.3110



10.1412, 0.3229, 0.3201



7.8922, 0.5401, 0.2749



0.3545, 0.4801, 0.2419

Previews

White Background



This preview shows how the Yxy color 18.6493, 0.4211, 0.2713 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 18.6493, 0.4211, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

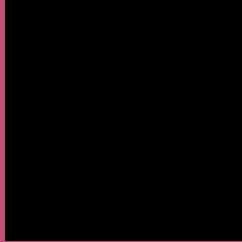
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.6493, 0.4211, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 18.6493, 0.4211, 0.2713.



This preview shows how white text looks on a background with the Yxy color 18.6493, 0.4211, 0.2713.

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

18.6493, 0.4211, 0.2713

Protanopia

18.8743, 0.2738, 0.2744

Deuteranopia

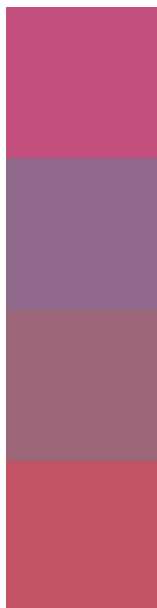
18.7043, 0.3311, 0.3254



Tritanopia

18.7484, 0.4688, 0.3230

Trichromacy



Original Color

18.6493, 0.4211, 0.2713

Protanomaly

17.6337, 0.3196, 0.2682

Deuteranomaly

18.0251, 0.3633, 0.3010

Tritanomaly

18.6351, 0.4527, 0.3036

Monochromacy



Original Color

18.6493, 0.4211, 0.2713

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.4841, 0.3505, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6493, 0.4211, 0.2713 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(195, 79, 124)` looks like.

```
.text, #text, p{  
    color:rgb(195, 79, 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(195, 79, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 79, 124) }
```

Border

The CSS property to change the border of an element to Yxy 18.6493, 0.4211, 0.2713 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(195, 79, 124) }
```

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

```
.border{ border-color:rgb(195, 79, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 79, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 79, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 79, 124); box-shadow:4px 4px 4px 4px rgb(195, 79, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6493, 0.4211, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 79, 124) }
```

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

```
.background{ background-color: rgb(195, 79,  
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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