

Converting Colors

$Y_{xy}(19.9583, 0.3185, 0.1805)$

Have a look what the booklet for
Yxy(19.9583, 0.3185, 0.1805)
contains.

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Color

Yxy(19.9618, 0.3185, 0.1805)

Conversions

Conversions Part 1

Format	Color
Hex	C543C6
RGB	197, 67, 198
RGB Percent	77%, 26%, 78%
CMY	0.2275, 0.7372, 0.2236
CMYK	0.00, 0.66, 0.00, 0.22
HSL	300°, 53%, 52%
HSV	300°, 66%, 78%
XYZ	35.2235, 19.9618, 55.4064
YIQ	120.8040, 35.4290, 68.3010

Conversions

Conversions Part 2

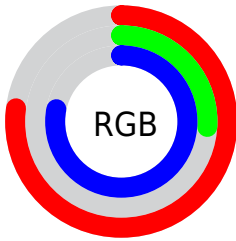
Format	Color
R_{YB}	197, 67, 198
Decimal	12927942
CIE _{Lab}	51.79, 66.93, -42.79
CIE _{LCh}	52, 79.436, 327.410
Yxy	19.9618, 0.3185, 0.1805
Android (android.graphics.Color)	4291118022 (0xFFC543C6)
YUV	120.8040, 38.0576, 66.8239
Hunter-Lab	44.6786, 62.5371, -42.2511

Details

The Yxy color **19.9618, 0.3185, 0.1805** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **42.0102, 0.3033, 0.5402**, and the grayscale version is **18.9227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1472, 0.3185, 0.2063**, and **7.5586, 0.3158, 0.1513** is the 20% darker color. If you saturate the color by 10%, you get **17.9771, 0.3189, 0.1676**, and if you desaturate by 10%, it is **22.7526, 0.3179, 0.1974**.

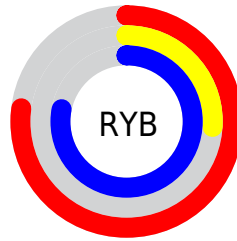
Distribution



Red (77%)

Green (26%)

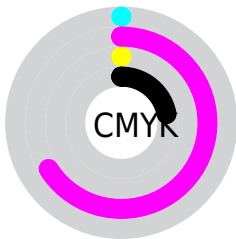
Blue (78%)



Red (77%)

Yellow (26%)

Blue (78%)

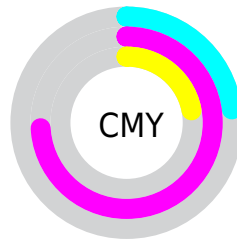


Cyan (0%)

Magenta (66%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (74%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.9618, 0.3185, 0.1805 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 19.9618, 0.3185, 0.1805 by changing the saturation by 10% instead.


 19.9618, 0.3185,
0.1805


 19.9618, 0.3185,
0.1805

251.7082, 0.3191,
0.2533


 12.3673, 0.3171,
0.1634

 43.3531, 0.3196,
0.2063


 6.9943, 0.3145,
0.1423


 59.9187, 0.3198,
0.2162


 3.4586, 0.3097,
0.1160


 80.2435, 0.3198,
0.2247

 1.3756, 0.3003,
0.0834

 104.7118, 0.3197,
0.2320

 0.1986, 0.2871,
0.0253

 133.7080, 0.3196,
0.2384

 0.0000, 0.2415,
0.0000

167.6166, 0.3194,

 0.0000, 0.0000,

0.2440

0.0000

206.8218, 0.3193,
0.2489

■ 19.9618, 0.3185,
0.1805

■ 19.9618, 0.3185,
0.1805

■ 17.9771, 0.3189,
0.1676

■ 22.7526, 0.3179,
0.1974

■ 16.7100, 0.3191,
0.1590

■ 26.4208, 0.3172,
0.2176

■ 16.0524, 0.3191,
0.1544

■ 31.0326, 0.3163,
0.2403

■ 15.8792, 0.3191,
0.1531

■ 36.6475, 0.3154,
0.2646

■ 43.3198, 0.3144,
0.2895

■ 51.1001, 0.3133,
0.3142

■ 60.0356, 0.3123,
0.3381

■ 70.1708, 0.3114,
0.3608

■ 81.5479, 0.3105,
0.3820

Harmonies

Analogous

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



19.9618, 0.1979, 0.1462



19.9618, 0.3185, 0.1805



19.9618, 0.4713, 0.2412

Triad

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



19.9618, 0.3185, 0.1805



19.9618, 0.4879, 0.4949



19.9618, 0.1070, 0.2578

Complementary

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



19.9618, 0.3185, 0.1805



42.0102, 0.3033, 0.5402

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.



19.9618, 0.1557, 0.4239



19.9618, 0.3185, 0.1805



19.9618, 0.3734, 0.5867

Square

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



19.9618, 0.3185, 0.1805



19.9618, 0.5689, 0.3973



19.9618, 0.2543, 0.5838



19.9618, 0.1015, 0.1717

Rectangle

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



19.9618, 0.3185, 0.1805



19.9618, 0.5504, 0.2899



19.9618, 0.2543, 0.5838



19.9618, 0.1176, 0.3046

Sweetspot

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



19.9627, 0.3185, 0.1805



71.5939, 0.3148, 0.2791



9.5508, 0.1862, 0.1214



14.6093, 0.3151, 0.2720



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.



19.9627, 0.3185, 0.1805



30.7937, 0.3190, 0.1636



17.7588, 0.4113, 0.2464



10.8125, 0.3137, 0.3062



10.3315, 0.3191, 0.1531



0.4905, 0.3195, 0.1534

Inverse Universe

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



16.4358, 0.5264, 0.3286



24.1329, 0.5893, 0.3290



43.1902, 0.2712, 0.4411



10.6382, 0.3288, 0.3289



7.8103, 0.6392, 0.3295



0.3703, 0.6359, 0.3277

Previews

White Background



This preview shows how the Yxy color 19.9618, 0.3185, 0.1805 looks on a white background.

Color Contrast Check

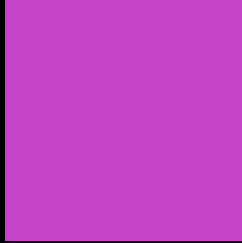
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9618, 0.3185, 0.1805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

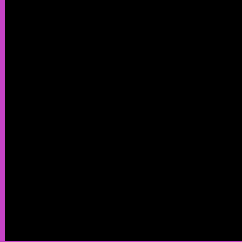
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9618, 0.3185, 0.1805

Background



This preview shows how black text looks on a background with the Yxy color 19.9618, 0.3185, 0.1805.



This preview shows how white text looks on a background with the Yxy color 19.9618, 0.3185, 0.1805.

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

19.9618, 0.3185, 0.1805

Protanopia

20.5797, 0.1795, 0.1518

Deuteranopia

20.3647, 0.2258, 0.2210



Tritanopia

19.9678, 0.4336, 0.3210

Trichromacy



Original Color

19.9618, 0.3185, 0.1805



Protanomaly

17.4513, 0.2013, 0.1487



Deuteranomaly

18.2521, 0.2508, 0.1942



Tritanomaly

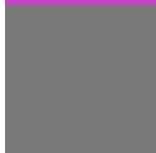
19.4377, 0.3895, 0.2597

Monochromacy



Original Color

19.9618, 0.3185, 0.1805



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

17.8668, 0.3164, 0.2515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9618, 0.3185, 0.1805 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(197, 67, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 67, 198)  
}
```

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(197, 67, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 67, 198) }
```

Border

The CSS property to change the border of an element to Yxy 19.9618, 0.3185, 0.1805 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(197, 67, 198) }
```

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

```
.border{ border-color:rgb(197, 67, 198) }
```

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

Here you see how a box with a 4 pixel rgb(197, 67, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 67, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 67, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 67,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9618, 0.3185, 0.1805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 67, 198) }
```

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

```
.background{ background-color: rgb(197, 67,  
198) }
```

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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