

Converting Colors

$Yxy(19.6330, 0.3598, 0.1893)$

Have a look what the booklet for
Yxy(19.6330, 0.3598, 0.1893)
contains.

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Color

Yxy(19.5918, 0.3598, 0.1894)

Conversions

Conversions Part 1

Format	Color
Hex	D62DB7
RGB	214, 45, 183
RGB Percent	84%, 18%, 72%
CMY	0.1608, 0.8235, 0.2823
CMYK	0.00, 0.79, 0.14, 0.16
HSL	311°, 67%, 51%
HSV	311°, 79%, 84%
XYZ	37.2182, 19.5918, 46.6314
YIQ	111.2630, 56.4260, 78.7460

Conversions

Conversions Part 2

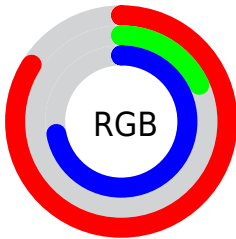
Format	Color
R_{YB}	214, 45, 183
Decimal	14036407
CIE _{Lab}	51.37, 75.40, -34.59
CIE _{LCh}	51, 82.958, 335.354
Yxy	19.5918, 0.3598, 0.1894
Android (android.graphics.Color)	4292226487 (0xFFD62DB7)
YUV	111.2630, 35.3663, 90.1003
Hunter-Lab	44.2626, 72.6321, -31.4791

Details

The Yxy color **19.5918, 0.3598, 0.1894** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **49.1714, 0.2920, 0.5431**, and the grayscale version is **15.8611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6439, 0.3339, 0.2068**, and **8.5803, 0.3657, 0.1788** is the 20% darker color. If you saturate the color by 10%, you get **18.1916, 0.3668, 0.1843**, and if you desaturate by 10%, it is **21.8252, 0.3526, 0.1990**.

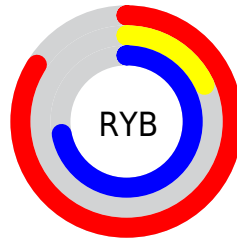
Distribution



Red (84%)

Green (18%)

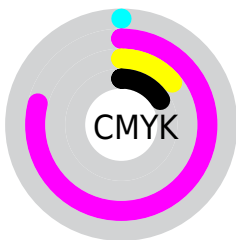
Blue (72%)



Red (84%)

Yellow (18%)

Blue (72%)

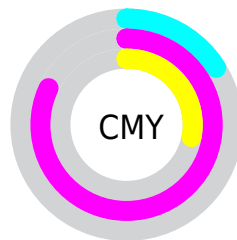


Cyan (0%)

Magenta (79%)

Yellow (14%)

Black (16%)



Cyan (16%)


Magenta (82%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5918, 0.3598, 0.1894 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 19.5918, 0.3598, 0.1894 by changing the saturation by 10% instead.


 19.5918, 0.3598,
0.1894


 19.5918, 0.3598,
0.1894


249.6966, 0.3374,
0.2588


 12.0987, 0.3648,
0.1727


 42.7317, 0.3521,
0.2142


 6.8109, 0.3708,
0.1519


 59.1473, 0.3490,
0.2237


 3.3441, 0.3778,
0.1256


 79.3059, 0.3464,
0.2317

 1.3139, 0.3856,
0.0921

 103.5918, 0.3441,
0.2387

 0.1519, 0.4037,
0.0238

 132.3894, 0.3421,
0.2447

 0.0000, 0.3938,
0.0000

166.0832, 0.3404,

 0.0000, 0.0000,

0.2500

0.0000

205.0574, 0.3388,
0.2546

■ 19.5918, 0.3598,
0.1894

■ 19.5918, 0.3598,
0.1894

■ 18.1916, 0.3668,
0.1843

■ 21.8252, 0.3526,
0.1990

■ 17.4457, 0.3734,
0.1834

■ 24.9990, 0.3455,
0.2128

■ 17.3819, 0.3741,
0.1834

■ 29.2075, 0.3386,
0.2297

■ 34.5326, 0.3322,
0.2490

■ 41.0481, 0.3263,
0.2695

■ 48.8216, 0.3210,
0.2904

■ 57.9153, 0.3163,
0.3111

■ 68.3876, 0.3123,
0.3310

■ 80.2932, 0.3089,
0.3499

Harmonies

Analogous

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



19.5918, 0.2206, 0.1467



19.5918, 0.3598, 0.1894



19.5918, 0.5165, 0.2565

Triad

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



19.5918, 0.3598, 0.1894



19.5918, 0.4618, 0.5269



19.5918, 0.0953, 0.2221

Complementary

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



19.5918, 0.3598, 0.1894



49.1714, 0.2920, 0.5431

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.



19.5918, 0.1305, 0.3746



19.5918, 0.3598, 0.1894



19.5918, 0.3387, 0.6127

Square

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



19.5918, 0.3598, 0.1894



19.5918, 0.5599, 0.4203



19.5918, 0.2188, 0.5673



19.5918, 0.0994, 0.1531

Rectangle

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



19.5918, 0.3598, 0.1894



19.5918, 0.5812, 0.3070



19.5918, 0.2188, 0.5673



19.5918, 0.1018, 0.2623

Sweetspot

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



19.5928, 0.3598, 0.1894



66.2730, 0.3237, 0.2794



8.1553, 0.1793, 0.0923



13.3254, 0.3256, 0.2718



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.



19.5928, 0.3598, 0.1894



26.2244, 0.3714, 0.1835



17.1192, 0.4988, 0.2751



12.5918, 0.3165, 0.3102



10.5208, 0.3732, 0.1829



0.6450, 0.3626, 0.1771

Inverse Universe

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



19.5928, 0.3598, 0.1894



26.2244, 0.3714, 0.1835



51.1070, 0.2547, 0.4162



12.5918, 0.3165, 0.3102



10.5208, 0.3732, 0.1829



0.6450, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 19.5918, 0.3598, 0.1894 looks on a white background.

Color Contrast Check

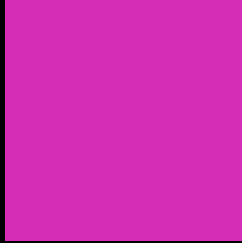
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5918, 0.3598, 0.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

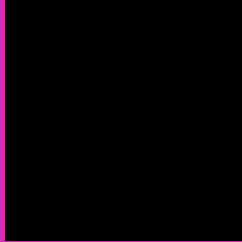
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5918, 0.3598, 0.1894

Background



This preview shows how black text looks on a background with the Yxy color 19.5918, 0.3598, 0.1894.



This preview shows how white text looks on a background with the Yxy color 19.5918, 0.3598, 0.1894.

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

19.5918, 0.3598, 0.1894

Protanopia

20.2373, 0.1798, 0.1519

Deuteranopia

20.0004, 0.2470, 0.2417



Tritanopia

19.5359, 0.4939, 0.3238

Trichromacy



Original Color

19.5918, 0.3598, 0.1894



Protanomaly

15.8118, 0.2067, 0.1446



Deuteranomaly

17.1995, 0.2795, 0.2036



Tritanomaly

18.9246, 0.4470, 0.2683

Monochromacy



Original Color

19.5918, 0.3598, 0.1894



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

14.9184, 0.3326, 0.2464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5918, 0.3598, 0.1894 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(214, 45, 183)` looks like.

```
.text, #text, p{  
    color:rgb(214, 45, 183)  
}
```

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(214, 45, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 45, 183) }
```

Border

The CSS property to change the border of an element to Yxy 19.5918, 0.3598, 0.1894 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(214, 45, 183) }
```

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

```
.border{ border-color:rgb(214, 45, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 45, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 45, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 45, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 45,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5918, 0.3598, 0.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 45, 183) }
```

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

```
.background{ background-color: rgb(214, 45,  
183) }
```

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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