

Converting Colors

$Yxy(17.9394, 0.3463, 0.1946)$

Have a look what the booklet for
Yxy(17.9394, 0.3463, 0.1946)
contains.

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Color

Yxy(17.9290, 0.3458, 0.1946)

Conversions

Conversions Part 1

Format	Color
Hex	C33CAF
RGB	195, 60, 175
RGB Percent	76%, 24%, 69%
CMY	0.2353, 0.7647, 0.3137
CMYK	0.00, 0.69, 0.10, 0.24
HSL	309°, 53%, 50%
HSV	309°, 69%, 76%
XYZ	31.8594, 17.9290, 42.3441
YIQ	113.4750, 43.5450, 64.3850

Conversions

Conversions Part 2

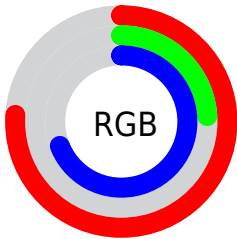
Format	Color
R_{YB}	195, 60, 175
Decimal	12795055
CIE _{Lab}	49.41, 65.39, -33.21
CIE _{LCh}	49, 73.336, 333.074
Yxy	17.9290, 0.3458, 0.1946
Android (android.graphics.Color)	4290985135 (0xFFC33CAF)
YUV	113.4750, 30.3318, 71.4974
Hunter-Lab	42.3426, 60.2073, -29.6522

Details

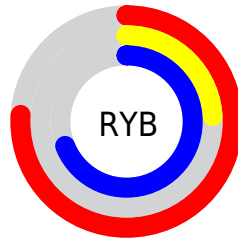
The Yxy color **17.9290, 0.3458, 0.1946** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **40.5688, 0.2941, 0.5227**, and the grayscale version is **16.5617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7972, 0.3402, 0.2191**, and **6.8084, 0.3517, 0.1711** is the 20% darker color. If you saturate the color by 10%, you get **16.1371, 0.3515, 0.1845**, and if you desaturate by 10%, it is **20.4775, 0.3401, 0.2087**.

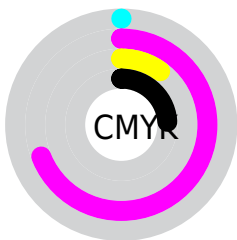
Distribution



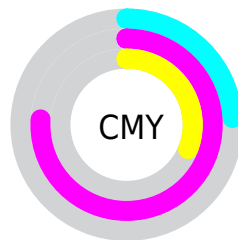
- Red (76%)
- Green (24%)
- Blue (69%)



- Red (76%)
- Yellow (24%)
- Blue (69%)



- Cyan (0%)
- Magenta (69%)
- Yellow (10%)
- Black (24%)




- Cyan (24%)
- Magenta (76%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9290, 0.3458, 0.1946 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 17.9290, 0.3458, 0.1946 by changing the saturation by 10% instead.


 17.9290, 0.3458,
0.1946


 17.9290, 0.3458,
0.1946


240.4706, 0.3305,
0.2630


 10.8990, 0.3490,
0.1776


 39.9163, 0.3407,
0.2195


 5.9990, 0.3525,
0.1562


 55.6424, 0.3386,
0.2288

 2.8445, 0.3562,
0.1286


 75.0361, 0.3368,
0.2367

 1.0511, 0.3589,
0.0927

 98.4816, 0.3352,
0.2435

 0.0000, 0.3746,
0.0000

 126.3634, 0.3338,
0.2494

 0.0000, 0.3151,
0.0000

159.0659, 0.3326,

 0.0000, 0.0000,

0.2545

0.0000

196.9735, 0.3315,
0.2590

■ 17.9290, 0.3458,
0.1946

■ 17.9290, 0.3458,
0.1946

■ 16.1371, 0.3515,
0.1845

■ 20.4775, 0.3401,
0.2087

■ 15.0118, 0.3569,
0.1788

■ 23.8542, 0.3345,
0.2261

■ 14.4005, 0.3620,
0.1771

■ 28.1254, 0.3292,
0.2459

■ 14.3595, 0.3624,
0.1770

■ 33.3497, 0.3243,
0.2669

■ 39.5811, 0.3199,
0.2885

■ 46.8692, 0.3159,
0.3099

■ 55.2605, 0.3125,
0.3306

■ 64.7987, 0.3095,
0.3502

■ 75.5252, 0.3069,
0.3685

Harmonies

Analogous

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



17.9290, 0.2201, 0.1555



17.9290, 0.3458, 0.1946



17.9290, 0.4899, 0.2578

Triad

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



17.9290, 0.3458, 0.1946



17.9290, 0.4654, 0.5108



17.9290, 0.1092, 0.2402

Complementary

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



17.9290, 0.3458, 0.1946



40.5688, 0.2941, 0.5227

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.



17.9290, 0.1487, 0.3858



17.9290, 0.3458, 0.1946



17.9290, 0.3526, 0.5872

Square

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



17.9290, 0.3458, 0.1946



17.9290, 0.5512, 0.4152



17.9290, 0.2375, 0.5515



17.9290, 0.1098, 0.1682

Rectangle

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



17.9290, 0.3458, 0.1946



17.9290, 0.5550, 0.3068



17.9290, 0.2375, 0.5515



17.9290, 0.1172, 0.2801

Sweetspot

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



17.9299, 0.3458, 0.1946



68.3953, 0.3208, 0.2840



8.7926, 0.1923, 0.1158



14.2726, 0.3220, 0.2779



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.



17.9299, 0.3458, 0.1946



27.7445, 0.3542, 0.1811



15.9493, 0.4551, 0.2697



10.2211, 0.3160, 0.3096



9.3430, 0.3618, 0.1767



0.4108, 0.3513, 0.1709

Inverse Universe

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



17.9299, 0.3458, 0.1946



27.7445, 0.3542, 0.1811



42.0496, 0.2593, 0.4111



10.2211, 0.3160, 0.3096



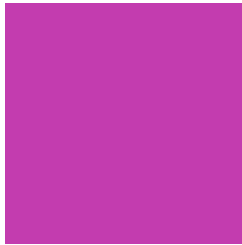
9.3430, 0.3618, 0.1767



0.4108, 0.3513, 0.1709

Previews

White Background



This preview shows how the Yxy color 17.9290, 0.3458, 0.1946 looks on a white background.

Color Contrast Check

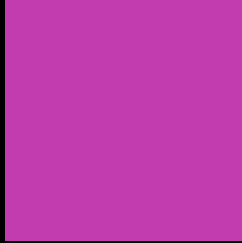
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.9290, 0.3458, 0.1946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

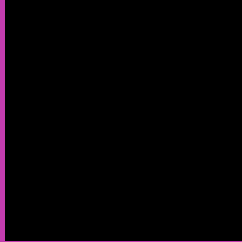
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9290, 0.3458, 0.1946

Background



This preview shows how black text looks on a background with the Yxy color 17.9290, 0.3458, 0.1946.



This preview shows how white text looks on a background with the Yxy color 17.9290, 0.3458, 0.1946.

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

17.9290, 0.3458, 0.1946

Protanopia

18.5498, 0.1901, 0.1654

Deuteranopia

18.2425, 0.2466, 0.2417



Tritanopia

17.9931, 0.4600, 0.3214

Trichromacy



Original Color

17.9290, 0.3458, 0.1946



Protanomaly

15.8919, 0.2203, 0.1626



Deuteranomaly

16.3812, 0.2760, 0.2119



Tritanomaly

17.6600, 0.4187, 0.2699

Monochromacy



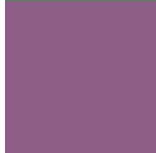
Original Color

17.9290, 0.3458, 0.1946



Achromatopsia

16.5132, 0.3127, 0.3290



Achromatomaly

15.6226, 0.3260, 0.2575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9290, 0.3458, 0.1946 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, 60, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 60, 175)  
}
```

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, 60, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 175) }
```

Border

The CSS property to change the border of an element to Yxy 17.9290, 0.3458, 0.1946 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, 60, 175) }
```

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

```
.border{ border-color:rgb(195, 60, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 60, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 60, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 60, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 60,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9290, 0.3458, 0.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 60, 175) }
```

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

```
.background{ background-color: rgb(195, 60,  
175) }
```

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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