

Converting Colors

Yxy(19.4368, 0.2881, 0.1484)

Have a look what the booklet for
Yxy(19.4368, 0.2881, 0.1484)
contains.

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Color

Yxy(19.4752, 0.2886, 0.1487)

Conversions

Conversions Part 1

Format	Color
Hex	C530E2
RGB	197, 48, 226
RGB Percent	77%, 19%, 89%
CMY	0.2276, 0.8114, 0.1138
CMYK	0.13, 0.79, 0.00, 0.11
HSL	290°, 75%, 54%
HSV	290°, 79%, 89%
XYZ	37.7979, 19.4752, 73.6967
YIQ	112.8430, 31.6660, 86.9460

Conversions

Conversions Part 2

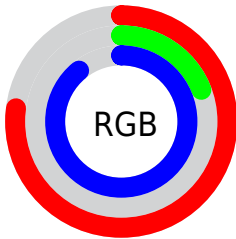
Format	Color
R_{YB}	197, 48, 226
Decimal	12923106
CIE _{Lab}	51.24, 77.87, -59.67
CIE _{LCh}	51, 98.102, 322.536
Yxy	19.4752, 0.2886, 0.1487
Android (android.graphics.Color)	4291113186 (0xFFC530E2)
YUV	112.8430, 55.7864, 73.8057
Hunter-Lab	44.1307, 75.6561, -68.1206

Details

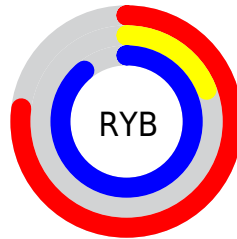
The Yxy color **19.4752, 0.2886, 0.1487** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **56.1735, 0.3111, 0.5674**, and the grayscale version is **16.3033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0683, 0.3189, 0.1964**, and **8.3056, 0.2740, 0.1283** is the 20% darker color. If you saturate the color by 10%, you get **17.5793, 0.2843, 0.1383**, and if you desaturate by 10%, it is **22.3258, 0.2929, 0.1637**.

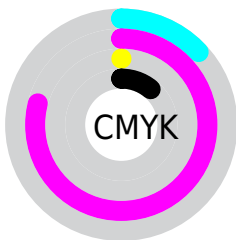
Distribution



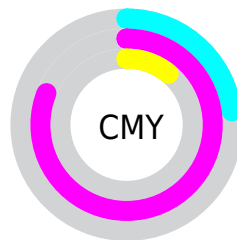
- Red (77%)
- Green (19%)
- Blue (89%)



- Red (77%)
- Yellow (19%)
- Blue (89%)



- Cyan (13%)
- Magenta (79%)
- Yellow (0%)
- Black (11%)




- Cyan (23%)
- Magenta (81%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4752, 0.2886, 0.1487 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 19.4752, 0.2886, 0.1487 by changing the saturation by 10% instead.


 19.4752, 0.2886,
0.1487


 19.4752, 0.2886,
0.1487


249.0597, 0.3067,
0.2328


 12.0141, 0.2824,
0.1305


 42.5355, 0.2965,
0.1774

 6.7533, 0.2737,
0.1090


 58.9036, 0.2991,
0.1887

 3.3083, 0.2609,
0.0838


 79.0095, 0.3011,
0.1986

 1.2947, 0.2413,
0.0552

 103.2376, 0.3027,
0.2072

 0.1371, 0.2137,
0.0109

 131.9723, 0.3040,
0.2148

 0.0000, 0.1618,
0.0000

165.5979, 0.3051,

 0.0000, 0.0000,

0.2215

0.0000

204.4989, 0.3059,
0.2275

■ 19.4752, 0.2886,
0.1487

■ 19.4752, 0.2886,
0.1487

■ 17.5793, 0.2843,
0.1383

■ 22.3258, 0.2929,
0.1637

■ 16.4460, 0.2800,
0.1320


■ 26.2542, 0.2969,
0.1828

■ 16.3219, 0.2794,
0.1313

■ 31.3679, 0.3007,
0.2051

■ 37.7604, 0.3040,
0.2298

■ 45.5160, 0.3069,
0.2557

 54.7115, 0.3093,
0.2819

 65.4183, 0.3113,
0.3076

 77.7027, 0.3129,
0.3321

 91.6272, 0.3141,
0.3551

Harmonies

Analogous

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



19.4752, 0.1607, 0.1173



19.4752, 0.2886, 0.1487



19.4752, 0.4764, 0.2104

Triad

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



19.4752, 0.2886, 0.1487



19.4752, 0.5196, 0.4804



19.4752, 0.0804, 0.2606

Complementary

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



19.4752, 0.2886, 0.1487



56.1735, 0.3111, 0.5674

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.



19.4752, 0.1362, 0.4886



19.4752, 0.2886, 0.1487



19.4752, 0.3852, 0.6148

Square

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



19.4752, 0.2886, 0.1487



19.4752, 0.6163, 0.3698



19.4752, 0.2485, 0.6684



19.4752, 0.0725, 0.1524

Rectangle

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



19.4752, 0.2886, 0.1487



19.4752, 0.5843, 0.2611



19.4752, 0.2485, 0.6684



19.4752, 0.0923, 0.3235

Sweetspot

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



19.4760, 0.2886, 0.1487



65.1300, 0.3081, 0.2677



11.5334, 0.1724, 0.1126



13.0455, 0.3072, 0.2583



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.



19.4760, 0.2886, 0.1487



22.1535, 0.2817, 0.1342



21.0646, 0.3983, 0.2132



13.8165, 0.3112, 0.3057



9.3585, 0.2801, 0.1317



0.6793, 0.2868, 0.1353

Inverse Universe

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



18.8239, 0.5491, 0.3062



21.8803, 0.6055, 0.3148



56.0772, 0.2817, 0.5081



13.7368, 0.3266, 0.3252



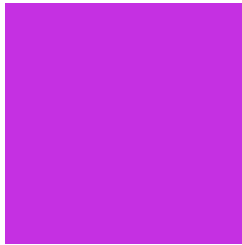
9.3115, 0.6158, 0.3166



0.6567, 0.5765, 0.2950

Previews

White Background



This preview shows how the Yxy color 19.4752, 0.2886, 0.1487 looks on a white background.

Color Contrast Check

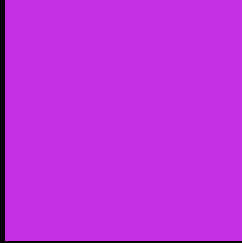
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4752, 0.2886, 0.1487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

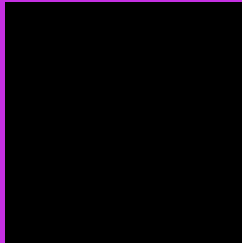
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4752, 0.2886, 0.1487

Background



This preview shows how black text looks on a background with the Yxy color 19.4752, 0.2886, 0.1487.



This preview shows how white text looks on a background with the Yxy color 19.4752, 0.2886, 0.1487.

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

19.4752, 0.2886, 0.1487

Protanopia

19.8590, 0.1737, 0.1454

Deuteranopia

19.8512, 0.1919, 0.1861



Tritanopia

19.3726, 0.4257, 0.3193

Trichromacy



Original Color

19.4752, 0.2886, 0.1487



Protanomaly

15.5573, 0.1825, 0.1264



Deuteranomaly

16.1944, 0.2081, 0.1518



Tritanomaly

18.2949, 0.3720, 0.2377

Monochromacy



Original Color

19.4752, 0.2886, 0.1487



Achromatopsia

16.5132, 0.3127, 0.3290



Achromatomaly

15.4071, 0.3041, 0.2241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4752, 0.2886, 0.1487 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, 48, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 48, 226)  
}
```

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, 48, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 48, 226) }
```

Border

The CSS property to change the border of an element to Yxy 19.4752, 0.2886, 0.1487 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, 48, 226) }
```

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

```
.border{ border-color:rgb(197, 48, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 48, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 48, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 48, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 48,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4752, 0.2886, 0.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 48, 226) }
```

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

```
.background{ background-color: rgb(197, 48,  
226) }
```

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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