

Converting Colors

$Yxy(18.0592, 0.3685, 0.1862)$

Have a look what the booklet for
Yxy(18.0592, 0.3685, 0.1862)
contains.

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Color

Yxy(18.0592, 0.3685, 0.1862)

Conversions

Conversions Part 1

Format	Color
Hex	D51AB1
RGB	213, 26, 177
RGB Percent	84%, 10%, 69%
CMY	0.1648, 0.8976, 0.3059
CMYK	0.00, 0.88, 0.17, 0.16
HSL	312°, 78%, 47%
HSV	312°, 88%, 84%
XYZ	35.7401, 18.0592, 43.1888
YIQ	99.1270, 62.9810, 86.6050

Conversions

Conversions Part 2

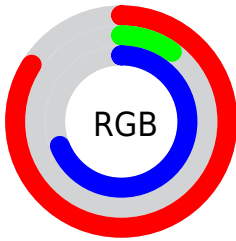
Format	Color
R_{YB}	213, 26, 177
Decimal	13966001
CIE Lab	49.57, 78.27, -33.90
CIE LCh	50, 85.297, 336.581
Yxy	18.0592, 0.3685, 0.1862
Android (android.graphics.Color)	4292156081 (0xFFD51AB1)
YUV	99.1270, 38.3914, 99.8666
Hunter-Lab	42.4961, 75.7541, -30.5092

Details

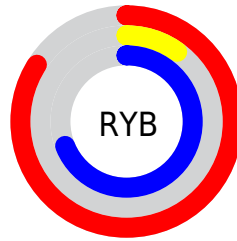
The Yxy color **18.0592, 0.3685, 0.1862** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **48.1484, 0.2925, 0.5613**, and the grayscale version is **12.4140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2575, 0.3406, 0.2041**, and **8.3253, 0.3764, 0.1847** is the 20% darker color. If you saturate the color by 10%, you get **17.2600, 0.3756, 0.1851**, and if you desaturate by 10%, it is **19.5479, 0.3611, 0.1917**.

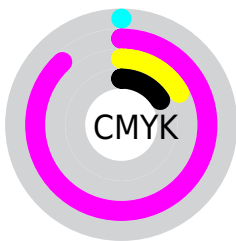
Distribution



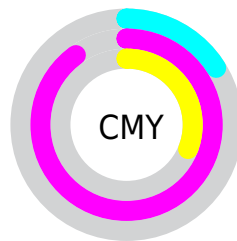
- Red (84%)
- Green (10%)
- Blue (69%)



- Red (84%)
- Yellow (10%)
- Blue (69%)



- Cyan (0%)
- Magenta (88%)
- Yellow (17%)
- Black (16%)




- Cyan (16%)
- Magenta (90%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0592, 0.3685, 0.1862 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 18.0592, 0.3685, 0.1862 by changing the saturation by 10% instead.


 18.0592, 0.3685,
0.1862


 18.0592, 0.3685,
0.1862


241.2045, 0.3412,
0.2577


 10.9925, 0.3749,
0.1689


 40.1382, 0.3588,
0.2119


 6.0618, 0.3827,
0.1472


 55.9192, 0.3551,
0.2217


 2.8827, 0.3922,
0.1197


 75.3739, 0.3519,
0.2300

 1.0708, 0.4035,
0.0849

 98.8865, 0.3492,
0.2371

 0.0000, 0.4337,
0.0000

 126.8415, 0.3468,
0.2433

 0.0000, 0.4205,
0.0000

 159.6232, 0.3447,

 0.0000, 0.0000,

0.2487

0.0000

197.6161, 0.3428,
0.2535

■ 18.0592, 0.3685,
0.1862

■ 18.0592, 0.3685,
0.1862

■ 17.2600, 0.3756,
0.1851

■ 19.5479, 0.3611,
0.1917

■ 17.1201, 0.3772,
0.1851

■ 21.8729, 0.3535,
0.2018

■ 25.1413, 0.3460,
0.2158

■ 29.4437, 0.3388,
0.2330

■ 34.8601, 0.3322,
0.2523

■ 41.4626, 0.3261,
0.2727

■ 49.3172, 0.3207,
0.2934

■ 58.4850, 0.3159,
0.3138

■ 69.0232, 0.3118,
0.3333

Harmonies

Analogous

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



18.0592, 0.2208, 0.1414



18.0592, 0.3685, 0.1862



18.0592, 0.5328, 0.2553

Triad

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



18.0592, 0.3685, 0.1862



18.0592, 0.4603, 0.5382



18.0592, 0.0874, 0.2114

Complementary

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



18.0592, 0.3685, 0.1862



48.1484, 0.2925, 0.5613

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.



18.0592, 0.1198, 0.3673



18.0592, 0.3685, 0.1862



18.0592, 0.3296, 0.6285

Square

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



18.0592, 0.3685, 0.1862



18.0592, 0.5650, 0.4232



18.0592, 0.2073, 0.5771



18.0592, 0.0935, 0.1444

Rectangle

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



18.0592, 0.3685, 0.1862



18.0592, 0.5966, 0.3065



18.0592, 0.2073, 0.5771



18.0592, 0.0930, 0.2515

Sweetspot

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



18.0601, 0.3685, 0.1862



63.9509, 0.3252, 0.2757



6.5182, 0.1694, 0.0774



12.8792, 0.3273, 0.2685



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.



18.0601, 0.3685, 0.1862



25.7106, 0.3778, 0.1855



15.5467, 0.5346, 0.2821



12.5898, 0.3167, 0.3104



10.4744, 0.3762, 0.1846



0.6425, 0.3649, 0.1784

Inverse Universe

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



18.0601, 0.3685, 0.1862



25.7106, 0.3778, 0.1855



50.1261, 0.2529, 0.4222



12.5898, 0.3167, 0.3104



10.4744, 0.3762, 0.1846



0.6425, 0.3649, 0.1784

Previews

White Background



This preview shows how the Yxy color 18.0592, 0.3685, 0.1862 looks on a white background.

Color Contrast Check

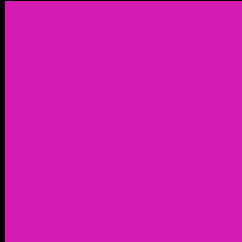
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0592, 0.3685, 0.1862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

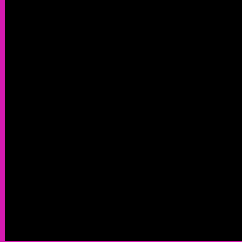
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0592, 0.3685, 0.1862

Background



This preview shows how black text looks on a background with the Yxy color 18.0592, 0.3685, 0.1862.



This preview shows how white text looks on a background with the Yxy color 18.0592, 0.3685, 0.1862.

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

18.0592, 0.3685, 0.1862

Protanopia

18.5663, 0.1734, 0.1440

Deuteranopia

18.3005, 0.2475, 0.2419



Tritanopia

18.1383, 0.5132, 0.3252

Trichromacy



Original Color

18.0592, 0.3685, 0.1862



Protanomaly

12.7797, 0.1882, 0.1266



Deuteranomaly

14.9937, 0.2826, 0.1964



Tritanomaly

17.2860, 0.4650, 0.2668

Monochromacy



Original Color

18.0592, 0.3685, 0.1862



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

11.7425, 0.3382, 0.2341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0592, 0.3685, 0.1862 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(213, 26, 177)` looks like.

```
.text, #text, p{  
    color:rgb(213, 26, 177)  
}
```

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(213, 26, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 26, 177) }
```

Border

The CSS property to change the border of an element to Yxy 18.0592, 0.3685, 0.1862 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(213, 26, 177) }
```

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

```
.border{ border-color:rgb(213, 26, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 26, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 26, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 26, 177);  
box-shadow:4px 4px 4px 4px rgb(213, 26,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0592, 0.3685, 0.1862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 26, 177) }
```

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

```
.background{ background-color: rgb(213, 26,  
177) }
```

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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