

Converting Colors

$Yxy(18.1749, 0.3645, 0.1824)$

Have a look what the booklet for
Yxy(18.1749, 0.3645, 0.1824)
contains.

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Color

Yxy(18.1687, 0.3641, 0.1820)

Conversions

Conversions Part 1

Format	Color
Hex	D615B5
RGB	214, 21, 181
RGB Percent	84%, 8%, 71%
CMY	0.1607, 0.9181, 0.2902
CMYK	0.00, 0.90, 0.15, 0.16
HSL	310°, 82%, 46%
HSV	310°, 90%, 84%
XYZ	36.3474, 18.1687, 45.3119
YIQ	96.9470, 63.6680, 90.6760

Conversions

Conversions Part 2

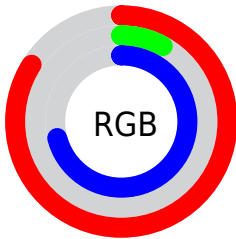
Format	Color
R_{YB}	214, 21, 181
Decimal	14030261
CIE _{Lab}	49.70, 79.73, -36.04
CIE _{LCh}	50, 87.501, 335.675
Yxy	18.1687, 0.3641, 0.1820
Android (android.graphics.Color)	4292220341 (0xFFD615B5)
YUV	96.9470, 41.4381, 102.6555
Hunter-Lab	42.6248, 77.6189, -33.1905

Details

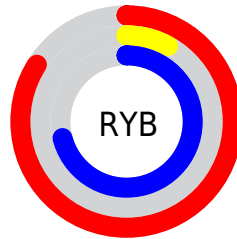
The Yxy color **18.1687, 0.3641, 0.1820** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **48.5323, 0.2941, 0.5704**, and the grayscale version is **11.8111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2981, 0.3366, 0.2003**, and **8.4285, 0.3681, 0.1801** is the 20% darker color. If you saturate the color by 10%, you get **17.4925, 0.3700, 0.1812**, and if you desaturate by 10%, it is **19.4664, 0.3577, 0.1867**.

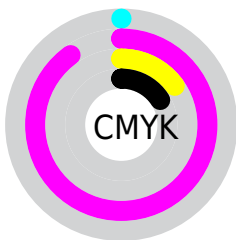
Distribution



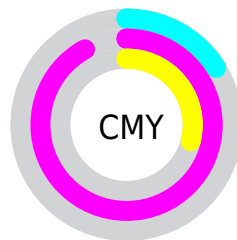
- Red (84%)
- Green (8%)
- Blue (71%)



- Red (84%)
- Yellow (8%)
- Blue (71%)



- Cyan (0%)
- Magenta (90%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (92%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1687, 0.3641, 0.1820 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 18.1687, 0.3641, 0.1820 by changing the saturation by 10% instead.


 18.1687, 0.3641,
0.1820


 18.1687, 0.3641,
0.1820


241.8202, 0.3396,
0.2551


 11.0712, 0.3696,
0.1645


 40.3246, 0.3556,
0.2082


 6.1147, 0.3761,
0.1427


 56.1517, 0.3523,
0.2181

 2.9150, 0.3838,
0.1154


 75.6575, 0.3494,
0.2266

 1.0875, 0.3922,
0.0811

 99.2264, 0.3469,
0.2339

 0.0000, 0.4158,
0.0000

 127.2427, 0.3447,
0.2403

 0.0000, 0.3964,
0.0000

 160.0908, 0.3428,

 0.0000, 0.0000,

0.2458

0.0000

198.1552, 0.3411,
0.2507

■ 18.1687, 0.3641,
0.1820

■ 18.1687, 0.3641,
0.1820

■ 17.4925, 0.3700,
0.1812

■ 19.4664, 0.3577,
0.1867

■ 21.5784, 0.3511,
0.1959

■ 24.6187, 0.3445,
0.2093

■ 28.6822, 0.3380,
0.2261

■ 33.8523, 0.3319,
0.2453

■ 40.2037, 0.3262,
0.2660

■ 47.8046, 0.3212,
0.2872

■ 56.7180, 0.3167,
0.3082

■ 67.0026, 0.3128,
0.3285

Harmonies

Analogous

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



18.1687, 0.2153, 0.1378



18.1687, 0.3641, 0.1820



18.1687, 0.5335, 0.2511

Triad

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



18.1687, 0.3641, 0.1820



18.1687, 0.4641, 0.5359



18.1687, 0.0846, 0.2118

Complementary

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



18.1687, 0.3641, 0.1820



48.5323, 0.2941, 0.5704

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.



18.1687, 0.1181, 0.3740



18.1687, 0.3641, 0.1820



18.1687, 0.3315, 0.6329

Square

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



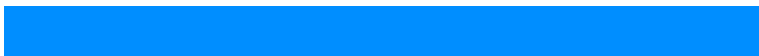
18.1687, 0.3641, 0.1820



18.1687, 0.5710, 0.4194



18.1687, 0.2076, 0.5891



18.1687, 0.0900, 0.1425

Rectangle

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



18.1687, 0.3641, 0.1820



18.1687, 0.6006, 0.3024



18.1687, 0.2076, 0.5891



18.1687, 0.0905, 0.2534

Sweetspot

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



18.1696, 0.3641, 0.1820



62.9259, 0.3247, 0.2722



6.1480, 0.1650, 0.0731



12.6873, 0.3265, 0.2650



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.



18.1696, 0.3641, 0.1820



25.9833, 0.3706, 0.1815



15.4932, 0.5370, 0.2805



12.5945, 0.3164, 0.3099



10.5833, 0.3692, 0.1807



0.6482, 0.3595, 0.1754

Inverse Universe

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



18.1696, 0.3641, 0.1820



25.9833, 0.3706, 0.1815



50.4576, 0.2547, 0.4306



12.5945, 0.3164, 0.3099



10.5833, 0.3692, 0.1807



0.6482, 0.3595, 0.1754

Previews

White Background



This preview shows how the Yxy color 18.1687, 0.3641, 0.1820 looks on a white background.

Color Contrast Check

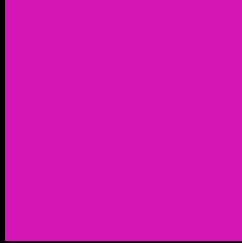
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1687, 0.3641, 0.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

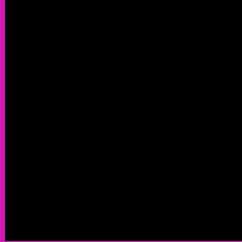
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1687, 0.3641, 0.1820

Background



This preview shows how black text looks on a background with the Yxy color 18.1687, 0.3641, 0.1820.



This preview shows how white text looks on a background with the Yxy color 18.1687, 0.3641, 0.1820.

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

18.1687, 0.3641, 0.1820

Protanopia

18.7931, 0.1737, 0.1454

Deuteranopia

18.5685, 0.2429, 0.2375



Tritanopia

18.2800, 0.5142, 0.3252

Trichromacy



Original Color

18.1687, 0.3641, 0.1820



Protanomaly

12.7250, 0.1881, 0.1251



Deuteranomaly

14.9052, 0.2770, 0.1901



Tritanomaly

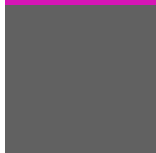
17.2860, 0.4634, 0.2632

Monochromacy



Original Color

18.1687, 0.3641, 0.1820



Achromatopsia

11.9538, 0.3127, 0.3290



Achromatomaly

11.3902, 0.3370, 0.2280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1687, 0.3641, 0.1820 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, 21, 181)` looks like.

```
.text, #text, p{  
    color:rgb(214, 21, 181)  
}
```

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, 21, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 21, 181) }
```

Border

The CSS property to change the border of an element to Yxy 18.1687, 0.3641, 0.1820 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, 21, 181) }
```

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

```
.border{ border-color:rgb(214, 21, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 21, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 21, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 21, 181);  
box-shadow:4px 4px 4px 4px rgb(214, 21,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1687, 0.3641, 0.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 21, 181) }
```

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

```
.background{ background-color: rgb(214, 21,  
181) }
```

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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