

Converting Colors

$Y_{xy}(17.1054, 0.3530, 0.1759)$

Have a look what the booklet for
Yxy(17.1054, 0.3530, 0.1759)
contains.

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Color

Yxy(17.1791, 0.3537, 0.1764)

Conversions

Conversions Part 1

Format	Color
Hex	CF15B6
RGB	207, 21, 182
RGB Percent	81%, 8%, 71%
CMY	0.1882, 0.9177, 0.2862
CMYK	0.00, 0.90, 0.12, 0.19
HSL	308°, 82%, 45%
HSV	308°, 90%, 81%
XYZ	34.4458, 17.1791, 45.7622
YIQ	94.9680, 59.1750, 89.5030

Conversions

Conversions Part 2

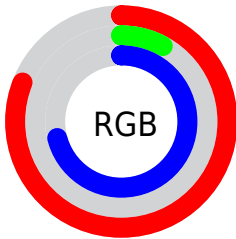
Format	Color
R_{YB}	207, 21, 182
Decimal	13571510
CIE _{Lab}	48.48, 78.53, -38.63
CIE _{LCh}	48, 87.516, 333.806
Yxy	17.1791, 0.3537, 0.1764
Android (android.graphics.Color)	4291761590 (0xFFCF15B6)
YUV	94.9680, 42.9068, 98.2521
Hunter-Lab	41.4477, 75.8122, -36.4485

Details

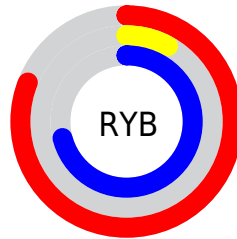
The Yxy color **17.1791, 0.3537, 0.1764** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **44.9852, 0.2958, 0.5756**, and the grayscale version is **11.3190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1684, 0.3356, 0.1989**, and **7.8544, 0.3576, 0.1743** is the 20% darker color. If you saturate the color by 10%, you get **16.5365, 0.3583, 0.1748**, and if you desaturate by 10%, it is **18.3940, 0.3488, 0.1818**.

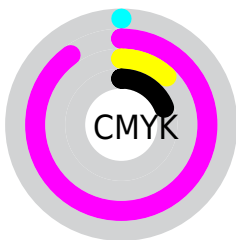
Distribution



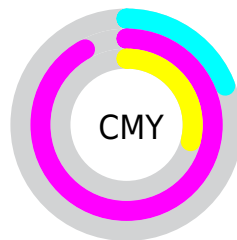
- Red (81%)
- Green (8%)
- Blue (71%)



- Red (81%)
- Yellow (8%)
- Blue (71%)



- Cyan (0%)
- Magenta (90%)
- Yellow (12%)
- Black (19%)





- Cyan (19%)
- Magenta (92%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1791, 0.3537, 0.1764 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 17.1791, 0.3537, 0.1764 by changing the saturation by 10% instead.


 17.1791, 0.3537,
0.1764


 17.1791, 0.3537,
0.1764


236.2024, 0.3351,
0.2524


 10.3623, 0.3574,
0.1583


 38.6335, 0.3476,
0.2036


 5.6398, 0.3615,
0.1358


 54.0398, 0.3451,
0.2139

 2.6273, 0.3655,
0.1077


 73.0780, 0.3429,
0.2227

 0.9404, 0.3683,
0.0730

 96.1326, 0.3409,
0.2303

 0.0000, 0.3782,
0.0000

 123.5880, 0.3392,
0.2369

 0.0000, 0.3421,
0.0000

 155.8284, 0.3377,

 0.0000, 0.0000,

0.2427

0.0000

193.2384, 0.3364,
0.2478

■ 17.1791, 0.3537,
0.1764

■ 17.1791, 0.3537,
0.1764

■ 16.5365, 0.3583,
0.1748

■ 18.3940, 0.3488,
0.1818

■ 16.5288, 0.3583,
0.1748

■ 20.3662, 0.3437,
0.1917

■ 23.1994, 0.3385,
0.2058

■ 26.9805, 0.3334,
0.2232

■ 31.7860, 0.3284,
0.2430

■ 37.6844, 0.3239,
0.2644

■ 44.7382, 0.3197,
0.2863

■ 53.0054, 0.3160,
0.3081

■ 62.5400, 0.3127,
0.3293

Harmonies

Analogous

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



17.1791, 0.2065, 0.1339



17.1791, 0.3537, 0.1764



17.1791, 0.5282, 0.2449

Triad

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



17.1791, 0.3537, 0.1764



17.1791, 0.4715, 0.5285



17.1791, 0.0828, 0.2164

Complementary

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



17.1791, 0.3537, 0.1764



44.9852, 0.2958, 0.5756

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.



17.1791, 0.1191, 0.3883



17.1791, 0.3537, 0.1764



17.1791, 0.3381, 0.6339

Square

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



17.1791, 0.3537, 0.1764



17.1791, 0.5791, 0.4124



17.1791, 0.2123, 0.6047



17.1791, 0.0865, 0.1425

Rectangle

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



17.1791, 0.3537, 0.1764



17.1791, 0.6015, 0.2961



17.1791, 0.2123, 0.6047



17.1791, 0.0894, 0.2608

Sweetspot

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



17.1800, 0.3537, 0.1764



63.0795, 0.3228, 0.2699



5.6170, 0.1627, 0.0723



12.7240, 0.3243, 0.2624



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.



17.1800, 0.3537, 0.1764



26.4664, 0.3589, 0.1750



14.5266, 0.5231, 0.2732



11.9806, 0.3158, 0.3091



10.4234, 0.3578, 0.1744



0.5906, 0.3500, 0.1702

Inverse Universe

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



17.1800, 0.3537, 0.1764



26.4664, 0.3589, 0.1750



46.6463, 0.2577, 0.4408



11.9806, 0.3158, 0.3091



10.4234, 0.3578, 0.1744



0.5906, 0.3500, 0.1702

Previews

White Background



This preview shows how the Yxy color 17.1791, 0.3537, 0.1764 looks on a white background.

Color Contrast Check

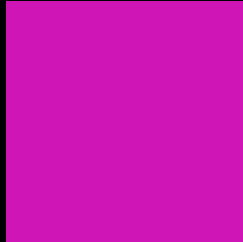
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1791, 0.3537, 0.1764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

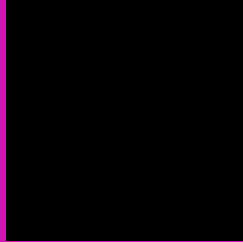
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1791, 0.3537, 0.1764

Background



This preview shows how black text looks on a background with the Yxy color 17.1791, 0.3537, 0.1764.



This preview shows how white text looks on a background with the Yxy color 17.1791, 0.3537, 0.1764.

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

17.1791, 0.3537, 0.1764

Protanopia

17.7614, 0.1737, 0.1454

Deuteranopia

17.5289, 0.2353, 0.2292



Tritanopia

17.1855, 0.5046, 0.3238

Trichromacy



Original Color

17.1791, 0.3537, 0.1764



Protanomaly

12.1498, 0.1869, 0.1237



Deuteranomaly

14.0483, 0.2673, 0.1830



Tritanomaly

16.3168, 0.4530, 0.2588

Monochromacy



Original Color

17.1791, 0.3537, 0.1764



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

10.9008, 0.3324, 0.2257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1791, 0.3537, 0.1764 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(207, 21, 182)` looks like.

```
.text, #text, p{  
    color:rgb(207, 21, 182)  
}
```

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(207, 21, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 21, 182) }
```

Border

The CSS property to change the border of an element to Yxy 17.1791, 0.3537, 0.1764 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(207, 21, 182) }
```

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

```
.border{ border-color:rgb(207, 21, 182) }
```

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

Here you see how a box with a 4 pixel rgb(207, 21, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 21, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 21, 182);  
box-shadow:4px 4px 4px 4px rgb(207, 21,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1791, 0.3537, 0.1764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 21, 182) }
```

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

```
.background{ background-color: rgb(207, 21,  
182) }
```

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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