

Converting Colors

$Y_{xy}(17.6783, 0.3760, 0.1983)$

Have a look what the booklet for
Yxy(17.6783, 0.3760, 0.1983)
contains.

Yxy(17.6044, 0.3765, 0.1984)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.6044, 0.3765, 0.1984)

Conversions

Conversions Part 1

Format	Color
Hex	CF29A6
RGB	207, 41, 166
RGB Percent	81%, 16%, 65%
CMY	0.1883, 0.8391, 0.3490
CMYK	0.00, 0.80, 0.20, 0.19
HSL	315°, 67%, 49%
HSV	315°, 80%, 81%
XYZ	33.4075, 17.6044, 37.7199
YIQ	104.8840, 58.8110, 74.0670

Conversions

Conversions Part 2

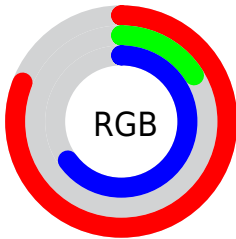
Format	Color
R_{YB}	207, 41, 166
Decimal	13576614
CIE _{Lab}	49.01, 72.64, -28.37
CIE _{LCh}	49, 77.980, 338.663
Yxy	17.6044, 0.3765, 0.1984
Android (android.graphics.Color)	4291766694 (0xFFCF29A6)
YUV	104.8840, 30.1302, 89.5557
Hunter-Lab	41.9576, 68.6998, -23.9314

Details

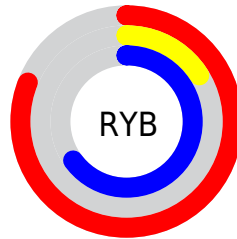
The Yxy color **17.6044, 0.3765, 0.1984** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **45.7036, 0.2879, 0.5317**, and the grayscale version is **14.0014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7885, 0.3526, 0.2182**, and **7.5108, 0.3878, 0.1910** is the 20% darker color. If you saturate the color by 10%, you get **16.3459, 0.3864, 0.1949**, and if you desaturate by 10%, it is **19.6241, 0.3664, 0.2066**.

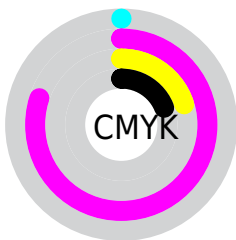
Distribution



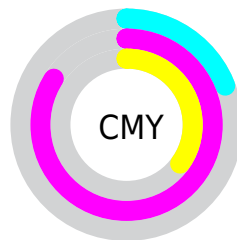
- Red (81%)
- Green (16%)
- Blue (65%)



- Red (81%)
- Yellow (16%)
- Blue (65%)



- Cyan (0%)
- Magenta (80%)
- Yellow (20%)
- Black (19%)




- Cyan (19%)
- Magenta (84%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.6044, 0.3765, 0.1984 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 17.6044, 0.3765, 0.1984 by changing the saturation by 10% instead.


 17.6044, 0.3765,
0.1984


 17.6044, 0.3765,
0.1984


238.6317, 0.3437,
0.2653


 10.6663, 0.3848,
0.1816


 39.3621, 0.3644,
0.2229


 5.8429, 0.3954,
0.1602


 54.9505, 0.3600,
0.2320


 2.7498, 0.4093,
0.1325


 74.1911, 0.3562,
0.2398

 1.0026, 0.4277,
0.0960

 97.4684, 0.3529,
0.2464

 0.0000, 0.4754,
0.0000

 125.1667, 0.3501,
0.2521

 0.0000, 0.4834,
0.0000

157.6704, 0.3477,

 0.0000, 0.0000,

0.2571

0.0000

195.3639, 0.3456,
0.2614

■ 17.6044, 0.3765,
0.1984

■ 17.6044, 0.3765,
0.1984

■ 16.3459, 0.3864,
0.1949

■ 19.6241, 0.3664,
0.2066

■ 15.6609, 0.3958,
0.1954

■ 22.5061, 0.3566,
0.2190

■ 26.3386, 0.3472,
0.2347

■ 31.1983, 0.3385,
0.2525

■ 37.1540, 0.3307,
0.2716

■ 44.2687, 0.3239,
0.2910

■ 52.6003, 0.3179,
0.3102

■ 62.2030, 0.3128,
0.3287

■ 73.1278, 0.3085,
0.3461

Harmonies

Analogous

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



17.6044, 0.2351, 0.1529



17.6044, 0.3765, 0.1984



17.6044, 0.5252, 0.2665

Triad

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



17.6044, 0.3765, 0.1984



17.6044, 0.4481, 0.5361



17.6044, 0.0976, 0.2141

Complementary

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



17.6044, 0.3765, 0.1984



45.7036, 0.2879, 0.5317

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.



17.6044, 0.1279, 0.3533



17.6044, 0.3765, 0.1984



17.6044, 0.3269, 0.6099

Square

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



17.6044, 0.3765, 0.1984



17.6044, 0.5480, 0.4317



17.6044, 0.2100, 0.5435



17.6044, 0.1051, 0.1524

Rectangle

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



17.6044, 0.3765, 0.1984



17.6044, 0.5806, 0.3172



17.6044, 0.2100, 0.5435



17.6044, 0.1028, 0.2504

Sweetspot

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



17.6053, 0.3765, 0.1984



66.0393, 0.3266, 0.2830



7.7862, 0.1852, 0.0940



13.2686, 0.3291, 0.2760



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.



17.6053, 0.3765, 0.1984



25.4016, 0.3931, 0.1952



15.5119, 0.5232, 0.2881



11.9571, 0.3175, 0.3117



9.8835, 0.3946, 0.1947



0.5648, 0.3782, 0.1857

Inverse Universe

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



17.6053, 0.3765, 0.1984



25.4016, 0.3931, 0.1952



47.7292, 0.2490, 0.3987



11.9571, 0.3175, 0.3117



9.8835, 0.3946, 0.1947



0.5648, 0.3782, 0.1857

Previews

White Background



This preview shows how the Yxy color 17.6044, 0.3765, 0.1984 looks on a white background.

Color Contrast Check

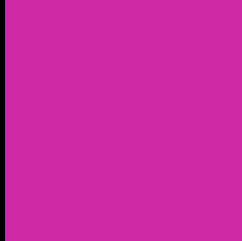
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6044, 0.3765, 0.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

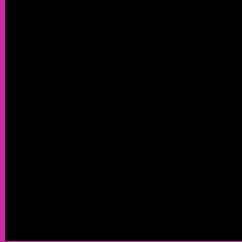
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6044, 0.3765, 0.1984

Background



This preview shows how black text looks on a background with the Yxy color 17.6044, 0.3765, 0.1984.



This preview shows how white text looks on a background with the Yxy color 17.6044, 0.3765, 0.1984.

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

17.6044, 0.3765, 0.1984

Protanopia

18.2287, 0.1876, 0.1625

Deuteranopia

17.7876, 0.2603, 0.2544



Tritanopia

17.5897, 0.5058, 0.3250

Trichromacy



Original Color

17.6044, 0.3765, 0.1984



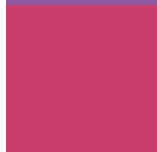
Protanomaly

14.4432, 0.2211, 0.1549



Deuteranomaly

15.3572, 0.2955, 0.2144



Tritanomaly

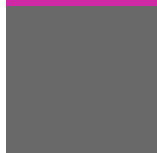
17.1276, 0.4619, 0.2738

Monochromacy



Original Color

17.6044, 0.3765, 0.1984



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

13.3177, 0.3395, 0.2512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6044, 0.3765, 0.1984 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, 41, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 41, 166)  
}
```

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, 41, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 41, 166) }
```

Border

The CSS property to change the border of an element to Yxy 17.6044, 0.3765, 0.1984 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, 41, 166) }
```

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

```
.border{ border-color:rgb(207, 41, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 41, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 41, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 41, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 41,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6044, 0.3765, 0.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 41, 166) }
```

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

```
.background{ background-color: rgb(207, 41,  
166) }
```

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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