

Converting Colors

$Y_{xy}(17.7321, 0.3624, 0.1770)$

Have a look what the booklet for
Yxy(17.7321, 0.3624, 0.1770)
contains.

Yxy(17.7150, 0.3617, 0.1766)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.7150, 0.3617, 0.1766)

Conversions

Conversions Part 1

Format	Color
Hex	D600B7
RGB	214, 0, 183
RGB Percent	84%, 0%, 72%
CMY	0.1607, 1.0000, 0.2823
CMYK	0.00, 1.00, 0.14, 0.16
HSL	309°, 100%, 42%
HSV	309°, 100%, 84%
XYZ	36.2826, 17.7150, 46.3138
YIQ	84.8480, 68.8010, 102.2810

Conversions

Conversions Part 2

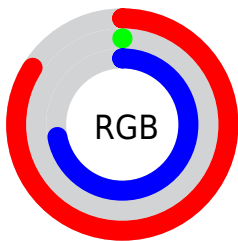
Format	Color
R_{YB}	214, 0, 183
Decimal	14024887
CIE _{Lab}	49.15, 81.89, -38.09
CIE _{LCh}	49, 90.318, 335.059
Yxy	17.7150, 0.3617, 0.1766
Android (android.graphics.Color)	4292214967 (0xFFD600B7)
YUV	84.8480, 48.3889, 113.2663
Hunter-Lab	42.0892, 80.2184, -35.7787

Details

The Yxy color **17.7150, 0.3617, 0.1766** 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 **48.1990, 0.2970, 0.5891**, and the grayscale version is **8.9386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4974, 0.3349, 0.1954**, and **8.4550, 0.3660, 0.1790** is the 20% darker color. If you saturate the color by 10%, you get **17.7176, 0.3617, 0.1766**, and if you desaturate by 10%, it is **18.3994, 0.3567, 0.1779**.

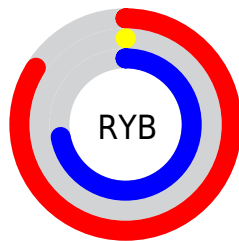
Distribution



Red (84%)

Green (0%)

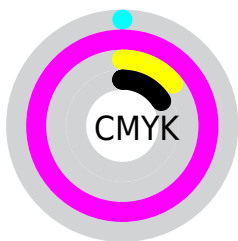
Blue (72%)



Red (84%)

Yellow (0%)

Blue (72%)

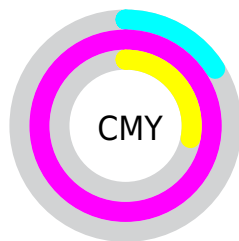


Cyan (0%)

Magenta (100%)

Yellow (14%)

Black (16%)



Cyan (16%)


Magenta (100%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7150, 0.3617, 0.1766 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 17.7150, 0.3617, 0.1766 by changing the saturation by 10% instead.


 17.7150, 0.3617,
0.1766


 17.7150, 0.3617,
0.1766


239.2597, 0.3388,
0.2521


 10.7456, 0.3666,
0.1587


 39.5511, 0.3539,
0.2035


 5.8960, 0.3723,
0.1366


 55.1865, 0.3508,
0.2138

 2.7820, 0.3787,
0.1090


 74.4794, 0.3481,
0.2225

 1.0190, 0.3849,
0.0749

 97.8142, 0.3458,
0.2301

 0.0000, 0.4023,
0.0000

 125.5752, 0.3437,
0.2367

 0.0000, 0.3782,
0.0000

 158.1469, 0.3419,

 0.0000, 0.0000,

0.2424

0.0000

195.9136, 0.3403,
0.2475

■ 17.7150, 0.3617,
0.1766

■ 17.7150, 0.3617,
0.1766

■ 17.7176, 0.3617,
0.1766

■ 18.3994, 0.3567,
0.1779

■ 19.6950, 0.3514,
0.1831

■ 21.8077, 0.3459,
0.1928

■ 24.8498, 0.3402,
0.2066

■ 28.9160, 0.3347,
0.2238

■ 34.0892, 0.3295,
0.2435

■ 40.4441, 0.3246,
0.2647

■ 48.0487, 0.3201,
0.2864

■ 56.9657, 0.3162,
0.3081

Harmonies

Analogous

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



17.7150, 0.2095, 0.1325



17.7150, 0.3617, 0.1766



17.7150, 0.5387, 0.2462

Triad

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



17.7150, 0.3617, 0.1766



17.7150, 0.4658, 0.5342



17.7150, 0.0795, 0.2091

Complementary

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



17.7150, 0.3617, 0.1766



48.1990, 0.2970, 0.5891

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.



17.7150, 0.1132, 0.3794



17.7150, 0.3617, 0.1766



17.7150, 0.3306, 0.6420

Square

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



17.7150, 0.3617, 0.1766



17.7150, 0.5792, 0.4161



17.7150, 0.2045, 0.6053



17.7150, 0.0848, 0.1381

Rectangle

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



17.7150, 0.3617, 0.1766



17.7150, 0.6093, 0.2977



17.7150, 0.2045, 0.6053



17.7150, 0.0854, 0.2524

Sweetspot

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



17.7176, 0.3617, 0.1766



59.8269, 0.3247, 0.2640



5.1102, 0.1546, 0.0626



11.9018, 0.3267, 0.2549



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.



17.7176, 0.3617, 0.1766



26.3252, 0.3622, 0.1769



14.8550, 0.5536, 0.2824



12.6003, 0.3160, 0.3093



10.7196, 0.3610, 0.1762



0.6552, 0.3530, 0.1718

Inverse Universe

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



17.7176, 0.3617, 0.1766



26.3252, 0.3622, 0.1769



49.8646, 0.2597, 0.4551



12.6003, 0.3160, 0.3093



10.7196, 0.3610, 0.1762



0.6552, 0.3530, 0.1718

Previews

White Background



This preview shows how the Yxy color 17.7150, 0.3617, 0.1766 looks on a white background.

Color Contrast Check

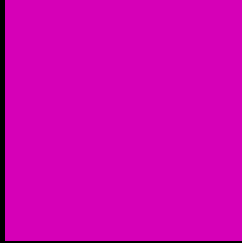
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7150, 0.3617, 0.1766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

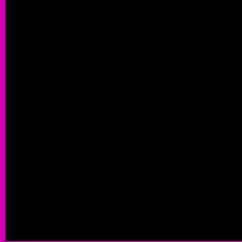
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7150, 0.3617, 0.1766

Background



This preview shows how black text looks on a background with the Yxy color 17.7150, 0.3617, 0.1766.



This preview shows how white text looks on a background with the Yxy color 17.7150, 0.3617, 0.1766.

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

17.7150, 0.3617, 0.1766

Protanopia

18.5057, 0.1735, 0.1447

Deuteranopia

18.4768, 0.2389, 0.2341



Tritanopia

17.9939, 0.5156, 0.3252

Trichromacy



Original Color

17.7150, 0.3617, 0.1766



Protanomaly

11.6052, 0.1860, 0.1162



Deuteranomaly

13.7422, 0.2731, 0.1773



Tritanomaly

16.6017, 0.4662, 0.2573

Monochromacy



Original Color

17.7150, 0.3617, 0.1766



Achromatopsia

9.0842, 0.3127, 0.3290



Achromatomaly

8.9243, 0.3380, 0.2111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7150, 0.3617, 0.1766 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, 0, 183)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 183)  
}
```

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, 0, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 183) }
```

Border

The CSS property to change the border of an element to Yxy 17.7150, 0.3617, 0.1766 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, 0, 183) }
```

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

```
.border{ border-color:rgb(214, 0, 183) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7150, 0.3617, 0.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 183) }
```

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

```
.background{ background-color: rgb(214, 0,  
183) }
```

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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