

Converting Colors

$Y_{xy}(17.8002, 0.3602, 0.1761)$

Have a look what the booklet for
Yxy(17.8002, 0.3602, 0.1761)
contains.

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Color

Yxy(17.8002, 0.3602, 0.1761)

Conversions

Conversions Part 1

Format	Color
Hex	D602B8
RGB	214, 2, 184
RGB Percent	84%, 1%, 72%
CMY	0.1607, 0.9925, 0.2784
CMYK	0.00, 0.99, 0.14, 0.16
HSL	308°, 98%, 42%
HSV	308°, 99%, 84%
XYZ	36.4090, 17.8002, 46.8708
YIQ	86.1360, 67.9300, 101.5460

Conversions

Conversions Part 2

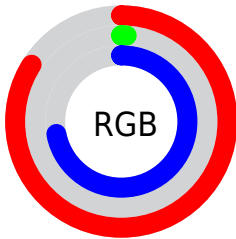
Format	Color
RYB	214, 2, 184
Decimal	14025400
CIELab	49.25, 81.87, -38.51
CIElCh	49, 90.470, 334.809
Yxy	17.8002, 0.3602, 0.1761
Android (android.graphics.Color)	4292215480 (0xFFD602B8)
YUV	86.1360, 48.2470, 112.1367
Hunter-Lab	42.1903, 80.2075, -36.3344

Details

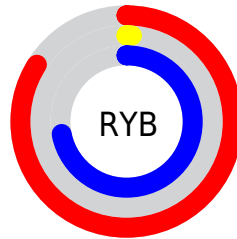
The Yxy color **17.8002, 0.3602, 0.1761** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **48.2168, 0.2970, 0.5885**, and the grayscale version is **9.2110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6163, 0.3329, 0.1940**, and **8.4817, 0.3640, 0.1779** is the 20% darker color. If you saturate the color by 10%, you get **17.7483, 0.3606, 0.1760**, and if you desaturate by 10%, it is **18.5133, 0.3553, 0.1777**.

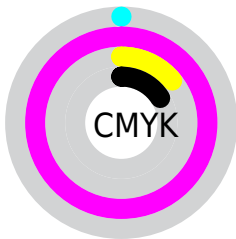
Distribution



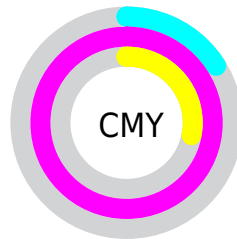
- Red (84%)
- Green (1%)
- Blue (72%)



- Red (84%)
- Yellow (1%)
- Blue (72%)



- Cyan (0%)
- Magenta (99%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (99%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8002, 0.3602, 0.1761 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 17.8002, 0.3602, 0.1761 by changing the saturation by 10% instead.


 17.8002, 0.3602,
0.1761


 17.8002, 0.3602,
0.1761


239.7425, 0.3382,
0.2517


 10.8066, 0.3648,
0.1582


 39.6966, 0.3528,
0.2030


 5.9370, 0.3702,
0.1361


 55.3682, 0.3498,
0.2133

 2.8068, 0.3760,
0.1086


 74.7013, 0.3472,
0.2221

 1.0317, 0.3816,
0.0746

 98.0802, 0.3449,
0.2296

 0.0000, 0.3977,
0.0000

 125.8894, 0.3430,
0.2362

 0.0000, 0.3721,
0.0000

 158.5132, 0.3412,

 0.0000, 0.0000,

0.2420

0.0000

196.3361, 0.3396,
0.2471

■ 17.8002, 0.3602,
0.1761

■ 17.8002, 0.3602,
0.1761

■ 17.7483, 0.3606,
0.1760

■ 18.5133, 0.3553,
0.1777

■ 19.8741, 0.3501,
0.1833

■ 22.0629, 0.3447,
0.1934

■ 25.1900, 0.3392,
0.2076

■ 29.3489, 0.3338,
0.2251

■ 34.6218, 0.3287,
0.2450

■ 41.0825, 0.3240,
0.2664

■ 48.7985, 0.3196,
0.2882

■ 57.8324, 0.3158,
0.3099

Harmonies

Analogous

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



17.8002, 0.2085, 0.1323



17.8002, 0.3602, 0.1761



17.8002, 0.5375, 0.2456

Triad

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



17.8002, 0.3602, 0.1761



17.8002, 0.4668, 0.5332



17.8002, 0.0796, 0.2101

Complementary

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



17.8002, 0.3602, 0.1761



48.2168, 0.2970, 0.5885

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.



17.8002, 0.1137, 0.3813



17.8002, 0.3602, 0.1761



17.8002, 0.3317, 0.6415

Square

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



17.8002, 0.3602, 0.1761



17.8002, 0.5799, 0.4152



17.8002, 0.2054, 0.6066



17.8002, 0.0846, 0.1384

Rectangle

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



17.8002, 0.3602, 0.1761



17.8002, 0.6089, 0.2970



17.8002, 0.2054, 0.6066



17.8002, 0.0856, 0.2537

Sweetspot

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



17.8011, 0.3602, 0.1761



59.8427, 0.3245, 0.2638



5.1762, 0.1552, 0.0633



11.9056, 0.3265, 0.2546



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.



17.8011, 0.3602, 0.1761



26.3708, 0.3611, 0.1763



14.9144, 0.5511, 0.2815



12.6011, 0.3159, 0.3092



10.7377, 0.3600, 0.1757



0.6561, 0.3522, 0.1714

Inverse Universe

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



17.8011, 0.3602, 0.1761



26.3708, 0.3611, 0.1763



49.8975, 0.2595, 0.4538



12.6011, 0.3159, 0.3092



10.7377, 0.3600, 0.1757



0.6561, 0.3522, 0.1714

Previews

White Background



This preview shows how the Yxy color 17.8002, 0.3602, 0.1761 looks on a white background.

Color Contrast Check

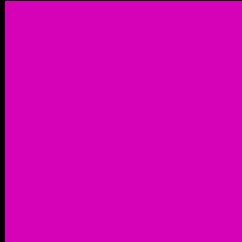
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8002, 0.3602, 0.1761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

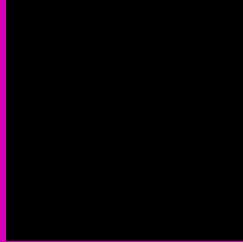
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8002, 0.3602, 0.1761

Background



This preview shows how black text looks on a background with the Yxy color 17.8002, 0.3602, 0.1761.



This preview shows how white text looks on a background with the Yxy color 17.8002, 0.3602, 0.1761.

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

17.8002, 0.3602, 0.1761

Protanopia

18.7325, 0.1739, 0.1460

Deuteranopia

18.5154, 0.2381, 0.2327



Tritanopia

18.0079, 0.5140, 0.3241

Trichromacy



Original Color

17.8002, 0.3602, 0.1761



Protanomaly

11.7912, 0.1860, 0.1168



Deuteranomaly

13.9187, 0.2721, 0.1775



Tritanomaly

16.7039, 0.4640, 0.2568

Monochromacy



Original Color

17.8002, 0.3602, 0.1761



Achromatopsia

9.3059, 0.3127, 0.3290



Achromatomaly

9.1241, 0.3378, 0.2118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8002, 0.3602, 0.1761 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, 2, 184)` looks like.

```
.text, #text, p{  
    color:rgb(214, 2, 184)  
}
```

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, 2, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 2, 184) }
```

Border

The CSS property to change the border of an element to Yxy 17.8002, 0.3602, 0.1761 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, 2, 184) }
```

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

```
.border{ border-color:rgb(214, 2, 184) }
```

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

Here you see how a box with a 4 pixel rgb(214, 2, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 2, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 2, 184);  
box-shadow:4px 4px 4px 4px rgb(214, 2,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8002, 0.3602, 0.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 2, 184) }
```

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

```
.background{ background-color: rgb(214, 2,  
184) }
```

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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