

Converting Colors

$Y_{xy}(26.6577, 0.3594, 0.2346)$

Have a look what the booklet for
Yxy(26.6577, 0.3594, 0.2346)
contains.

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Color

Yxy(26.8179, 0.3597, 0.2352)

Conversions

Conversions Part 1

Format	Color
Hex	D863B4
RGB	216, 99, 180
RGB Percent	85%, 39%, 71%
CMY	0.1530, 0.6117, 0.2941
CMYK	0.00, 0.54, 0.17, 0.15
HSL	318°, 60%, 62%
HSV	318°, 54%, 85%
XYZ	41.0136, 26.8179, 46.1902
YIQ	143.2170, 43.7310, 49.9950

Conversions

Conversions Part 2

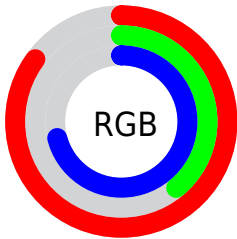
Format	Color
R _Y B	216, 99, 180
Decimal	14181300
CIE Lab	58.81, 55.40, -21.30
CIE LCh	59, 59.351, 338.966
Yxy	26.8179, 0.3597, 0.2352
Android (android.graphics.Color)	4292371380 (0xFFD863B4)
YUV	143.2170, 18.1340, 63.8307
Hunter-Lab	51.7860, 50.7433, -16.6331

Details

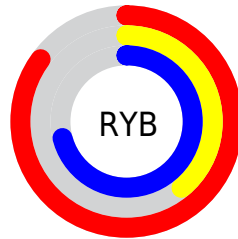
The Yxy color **26.8179, 0.3597, 0.2352** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **53.5049, 0.2862, 0.4495**, and the grayscale version is **27.4752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4273, 0.3332, 0.2473**, and **10.5292, 0.3726, 0.2087** is the 20% darker color. If you saturate the color by 10%, you get **22.9941, 0.3720, 0.2218**, and if you desaturate by 10%, it is **31.7515, 0.3484, 0.2512**.

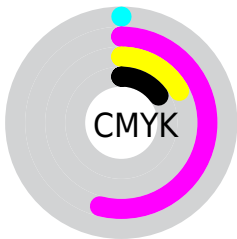
Distribution



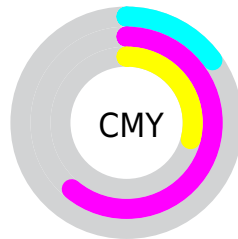
- Red (85%)
- Green (39%)
- Blue (71%)



- Red (85%)
- Yellow (39%)
- Blue (71%)



- Cyan (0%)
- Magenta (54%)
- Yellow (17%)
- Black (15%)




- Cyan (15%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8179, 0.3597, 0.2352 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 26.8179, 0.3597, 0.2352 by changing the saturation by 10% instead.

 26.8179, 0.3597,
0.2352


 26.8179, 0.3597,
0.2352

286.7743, 0.3360,
0.2822

 17.4365, 0.3656,
0.2235


 54.5915, 0.3511,
0.2523


 10.5462, 0.3732,
0.2087


 73.7525, 0.3479,
0.2587

 5.7626, 0.3831,
0.1892


 96.9422, 0.3451,
0.2641

 2.7013, 0.3968,
0.1626

 124.5449, 0.3428,
0.2688

 0.9778, 0.4164,
0.1252

156.9451, 0.3408,
0.2728

 0.0000, 0.4796,
0.0000

194.5272, 0.3390,

 0.0000, 0.5548,

0.2763


0.0000


237.6754, 0.3374,
0.2795


 0.0000, 0.0000,
0.0000

 26.8179, 0.3597,
0.2352


 26.8179, 0.3597,
0.2352


 22.9941, 0.3720,
0.2218


 31.7515, 0.3484,
0.2512


 20.1866, 0.3850,
0.2120


 37.8705, 0.3382,
0.2687


 18.2931, 0.3982,
0.2067

 45.2488, 0.3293,
0.2867

 17.1878, 0.4112,
0.2065

 53.9526, 0.3217,
0.3047

 16.7824, 0.4187,
0.2080

 64.0439, 0.3151,
0.3220

■ 75.5806, 0.3096,
0.3385

■ 88.6172, 0.3050,
0.3539

■ 92.0080, 0.3012,
0.3517

■ 92.3954, 0.2976,
0.3447

Harmonies

Analogous

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



26.8179, 0.2616, 0.1982



26.8179, 0.3597, 0.2352



26.8179, 0.4561, 0.2907

Triad

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



26.8179, 0.3597, 0.2352



26.8179, 0.4254, 0.4884



26.8179, 0.1521, 0.2543

Complementary

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



26.8179, 0.3597, 0.2352



53.5049, 0.2862, 0.4495

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.



26.8179, 0.1820, 0.3495



26.8179, 0.3597, 0.2352



26.8179, 0.3378, 0.5140

Square

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



26.8179, 0.3597, 0.2352



26.8179, 0.4893, 0.4249



26.8179, 0.2484, 0.4601



26.8179, 0.1563, 0.2018

Rectangle

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



26.8179, 0.3597, 0.2352



26.8179, 0.4961, 0.3335



26.8179, 0.2484, 0.4601



26.8179, 0.1580, 0.2815

Sweetspot

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



26.8192, 0.3597, 0.2352



75.8921, 0.3231, 0.3011



18.9627, 0.2366, 0.1680



15.6630, 0.3246, 0.2974



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.



26.8192, 0.3597, 0.2352



32.8060, 0.3739, 0.2201



24.9397, 0.4391, 0.3016



12.5646, 0.3184, 0.3130



9.9557, 0.4168, 0.2070



0.6150, 0.3963, 0.1957

Inverse Universe

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



26.8192, 0.3597, 0.2352



32.8060, 0.3739, 0.2201



55.5872, 0.2555, 0.3616



12.5646, 0.3184, 0.3130



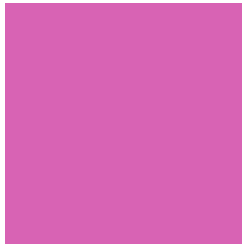
9.9557, 0.4168, 0.2070



0.6150, 0.3963, 0.1957

Previews

White Background



This preview shows how the Yxy color 26.8179, 0.3597, 0.2352 looks on a white background.

Color Contrast Check

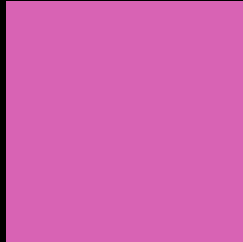
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.8179, 0.3597, 0.2352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

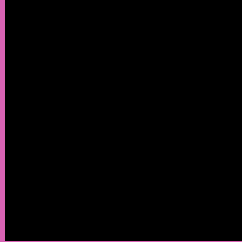
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8179, 0.3597, 0.2352

Background



This preview shows how black text looks on a background with the Yxy color 26.8179, 0.3597, 0.2352.



This preview shows how white text looks on a background with the Yxy color 26.8179, 0.3597, 0.2352.

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

26.8179, 0.3597, 0.2352

Protanopia

27.3109, 0.2358, 0.2251

Deuteranopia

27.0578, 0.2817, 0.2762



Tritanopia

26.8924, 0.4267, 0.3193

Trichromacy



Original Color

26.8179, 0.3597, 0.2352



Protanomaly

25.7074, 0.2709, 0.2240



Deuteranomaly

25.8747, 0.3073, 0.2549



Tritanomaly

26.6752, 0.4028, 0.2873

Monochromacy



Original Color

26.8179, 0.3597, 0.2352



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.1251, 0.3308, 0.2865

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8179, 0.3597, 0.2352 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(216, 99, 180)` looks like.

```
.text, #text, p{  
    color:rgb(216, 99, 180)  
}
```

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(216, 99, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 99, 180) }
```

Border

The CSS property to change the border of an element to Yxy 26.8179, 0.3597, 0.2352 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(216, 99, 180) }
```

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

```
.border{ border-color:rgb(216, 99, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 99, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 99, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 99, 180);  
box-shadow:4px 4px 4px 4px rgb(216, 99,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8179, 0.3597, 0.2352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 99, 180) }
```

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

```
.background{ background-color: rgb(216, 99,  
180) }
```

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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