

Converting Colors

$Y_{xy}(26.2624, 0.3576, 0.2381)$

Have a look what the booklet for
Yxy(26.2624, 0.3576, 0.2381)
contains.

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Color

Yxy(26.3306, 0.3574, 0.2385)

Conversions

Conversions Part 1

Format	Color
Hex	D365B1
RGB	211, 101, 177
RGB Percent	83%, 40%, 69%
CMY	0.1725, 0.6039, 0.3058
CMYK	0.00, 0.52, 0.16, 0.17
HSL	319°, 56%, 61%
HSV	319°, 52%, 83%
XYZ	39.4573, 26.3306, 44.6130
YIQ	142.5540, 41.1640, 46.9560

Conversions

Conversions Part 2

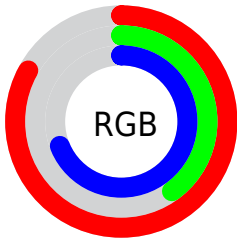
Format	Color
R _Y B	211, 101, 177
Decimal	13854129
CIE Lab	58.35, 52.52, -20.36
CIE LCh	58, 56.328, 338.812
Yxy	26.3306, 0.3574, 0.2385
Android (android.graphics.Color)	4292044209 (0xFFD365B1)
YUV	142.5540, 16.9819, 60.0271
Hunter-Lab	51.3134, 47.4587, -15.6287

Details

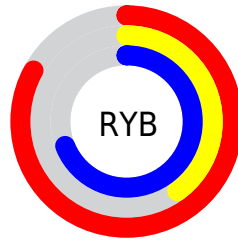
The Yxy color **26.3306, 0.3574, 0.2385** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **51.1071, 0.2868, 0.4437**, and the grayscale version is **27.2008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9201, 0.3357, 0.2520**, and **10.2793, 0.3712, 0.2127** is the 20% darker color. If you saturate the color by 10%, you get **22.4935, 0.3696, 0.2245**, and if you desaturate by 10%, it is **31.2343, 0.3463, 0.2548**.

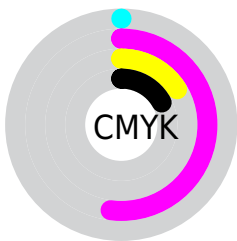
Distribution



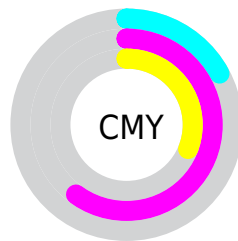
- Red (83%)
- Green (40%)
- Blue (69%)



- Red (83%)
- Yellow (40%)
- Blue (69%)



- Cyan (0%)
- Magenta (52%)
- Yellow (16%)
- Black (17%)




- Cyan (17%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3306, 0.3574, 0.2385 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 26.3306, 0.3574, 0.2385 by changing the saturation by 10% instead.


 26.3306, 0.3574,
0.2385


 26.3306, 0.3574,
0.2385


284.4012, 0.3348,
0.2842


 17.0711, 0.3631,
0.2271


 53.8078, 0.3491,
0.2552


 10.2852, 0.3704,
0.2124


 72.7943, 0.3460,
0.2614

 5.5885, 0.3801,
0.1931


 95.7920, 0.3434,
0.2667

 2.5965, 0.3935,
0.1665

 123.1852, 0.3412,
0.2712

 0.9249, 0.4129,
0.1286

155.3583, 0.3393,
0.2751

 0.0000, 0.4768,
0.0000

192.6958, 0.3376,

 0.0000, 0.7478,

0.2785

0.0000

235.5819, 0.3361,
0.2815

0.0000, 0.0000,
0.0000

26.3306, 0.3574,
0.2385

26.3306, 0.3574,
0.2385

22.4935, 0.3696,
0.2245

31.2343, 0.3463,
0.2548

19.6369, 0.3825,
0.2139

37.2744, 0.3364,
0.2724

17.6674, 0.3958,
0.2076

44.5194, 0.3277,
0.2905

16.4715, 0.4089,
0.2063

53.0311, 0.3203,
0.3083

15.9203, 0.4190,
0.2082

62.8670, 0.3139,
0.3255

■ 74.0813, 0.3086,
0.3417

■ 86.7249, 0.3041,
0.3568

■ 91.0364, 0.3004,
0.3562

■ 91.4077, 0.2969,
0.3492

Harmonies

Analogous

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



26.3306, 0.2636, 0.2027



26.3306, 0.3574, 0.2385



26.3306, 0.4493, 0.2924

Triad

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



26.3306, 0.3574, 0.2385



26.3306, 0.4225, 0.4824



26.3306, 0.1579, 0.2584

Complementary

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



26.3306, 0.3574, 0.2385



51.1071, 0.2868, 0.4437

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.



26.3306, 0.1875, 0.3496



26.3306, 0.3574, 0.2385



26.3306, 0.3383, 0.5052

Square

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



26.3306, 0.3574, 0.2385



26.3306, 0.4830, 0.4224



26.3306, 0.2521, 0.4538



26.3306, 0.1616, 0.2070

Rectangle

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



26.3306, 0.3574, 0.2385



26.3306, 0.4879, 0.3340



26.3306, 0.2521, 0.4538



26.3306, 0.1638, 0.2847

Sweetspot

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



26.3319, 0.3574, 0.2385



75.8892, 0.3231, 0.3012



19.0781, 0.2402, 0.1746



15.6623, 0.3247, 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.



26.3319, 0.3574, 0.2385



33.7541, 0.3715, 0.2226



24.5863, 0.4316, 0.3024



11.9443, 0.3184, 0.3131



9.6262, 0.4171, 0.2072



0.5521, 0.3953, 0.1951

Inverse Universe

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



26.3319, 0.3574, 0.2385



33.7541, 0.3715, 0.2226



53.0330, 0.2570, 0.3601



11.9443, 0.3184, 0.3131



9.6262, 0.4171, 0.2072



0.5521, 0.3953, 0.1951

Previews

White Background



This preview shows how the Yxy color 26.3306, 0.3574, 0.2385 looks on a white background.

Color Contrast Check

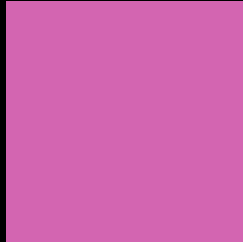
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3306, 0.3574, 0.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

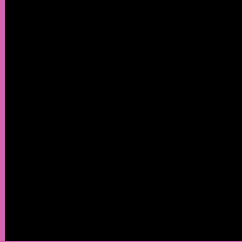
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3306, 0.3574, 0.2385

Background



This preview shows how black text looks on a background with the Yxy color 26.3306, 0.3574, 0.2385.



This preview shows how white text looks on a background with the Yxy color 26.3306, 0.3574, 0.2385.

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

26.3306, 0.3574, 0.2385

Protanopia

26.7950, 0.2399, 0.2308

Deuteranopia

26.6062, 0.2824, 0.2774



Tritanopia

26.1945, 0.4197, 0.3178

Trichromacy



Original Color

26.3306, 0.3574, 0.2385



Protanomaly

25.2828, 0.2731, 0.2291



Deuteranomaly

25.6837, 0.3071, 0.2595



Tritanomaly

26.1557, 0.3966, 0.2875

Monochromacy



Original Color

26.3306, 0.3574, 0.2385



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.1297, 0.3295, 0.2891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3306, 0.3574, 0.2385 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(211, 101, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 101, 177)  
}
```

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(211, 101, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 101, 177) }
```

Border

The CSS property to change the border of an element to Yxy 26.3306, 0.3574, 0.2385 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(211, 101, 177) }
```

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

```
.border{ border-color:rgb(211, 101, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 101, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 101, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 101, 177);  
box-shadow:4px 4px 4px 4px rgb(211, 101,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3306, 0.3574, 0.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 101, 177) }
```

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

```
.background{ background-color: rgb(211,  
101, 177) }
```

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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