

Converting Colors

$Y_{xy}(26.0054, 0.3405, 0.2170)$

Have a look what the booklet for
Yxy(26.0054, 0.3405, 0.2170)
contains.

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Color

Yxy(26.0317, 0.3399, 0.2165)

Conversions

Conversions Part 1

Format	Color
Hex	D45FC1
RGB	212, 95, 193
RGB Percent	83%, 37%, 76%
CMY	0.1687, 0.6274, 0.2430
CMYK	0.00, 0.55, 0.09, 0.17
HSL	310°, 58%, 60%
HSV	310°, 55%, 83%
XYZ	40.8692, 26.0317, 53.3379
YIQ	141.1550, 38.2740, 55.2820

Conversions

Conversions Part 2

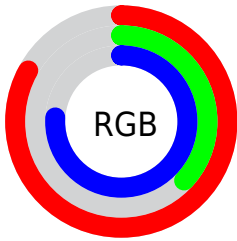
Format	Color
R _{YB}	212, 95, 193
Decimal	13918145
CIE Lab	58.07, 58.13, -29.96
CIE LCh	58, 65.399, 332.737
Yxy	26.0317, 0.3399, 0.2165
Android (android.graphics.Color)	4292108225 (0xFFD45FC1)
YUV	141.1550, 25.5596, 62.1311
Hunter-Lab	51.0213, 53.6952, -26.2672

Details

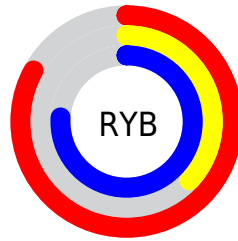
The Yxy color **26.0317, 0.3399, 0.2165** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **50.7295, 0.2950, 0.4782**, and the grayscale version is **26.5881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9748, 0.3216, 0.2316**, and **10.1558, 0.3464, 0.1867** is the 20% darker color. If you saturate the color by 10%, you get **22.5675, 0.3461, 0.2012**, and if you desaturate by 10%, it is **30.5408, 0.3339, 0.2348**.

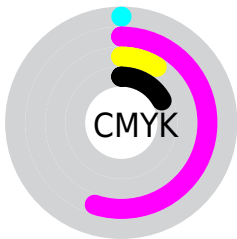
Distribution



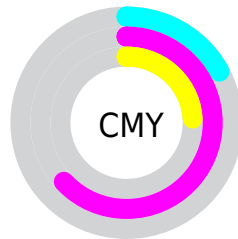
- Red (83%)
- Green (37%)
- Blue (76%)



- Red (83%)
- Yellow (37%)
- Blue (76%)



- Cyan (0%)
- Magenta (55%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (63%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0317, 0.3399, 0.2165 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 26.0317, 0.3399, 0.2165 by changing the saturation by 10% instead.


 26.0317, 0.3399,
0.2165


 26.0317, 0.3399,
0.2165


282.9377, 0.3276,
0.2719


 16.8474, 0.3425,
0.2031


 53.3261, 0.3358,
0.2363

 10.1257, 0.3455,
0.1864


 72.2049, 0.3341,
0.2439

 5.4824, 0.3489,
0.1648


 95.0840, 0.3327,
0.2503

 2.5330, 0.3525,
0.1363

 122.3478, 0.3314,
0.2558

 0.8931, 0.3551,
0.0983

154.3807, 0.3303,
0.2606

 0.0000, 0.3701,
0.0000

191.5670, 0.3293,

 0.0000, 0.1995,

0.2649

0.0000

234.2912, 0.3284,
0.2686

0.0000, 0.0000,
0.0000

26.0317, 0.3399,
0.2165

26.0317, 0.3399,
0.2165

22.5675, 0.3461,
0.2012

30.5408, 0.3339,
0.2348

20.0581, 0.3524,
0.1896

36.1681, 0.3283,
0.2550

18.4043, 0.3586,
0.1825

42.9841, 0.3232,
0.2762

17.4833, 0.3644,
0.1798

51.0530, 0.3186,
0.2976

17.1949, 0.3671,
0.1796

60.4339, 0.3146,
0.3185

■ 71.1826, 0.3111,
0.3385

■ 83.3512, 0.3081,
0.3574

■ 90.7104, 0.3058,
0.3655

■ 90.8949, 0.3039,
0.3618

Harmonies

Analogous

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



26.0317, 0.2372, 0.1821



26.0317, 0.3399, 0.2165



26.0317, 0.4524, 0.2723

Triad

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



26.0317, 0.3399, 0.2165



26.0317, 0.4502, 0.4879



26.0317, 0.1416, 0.2627

Complementary

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



26.0317, 0.3399, 0.2165



50.7295, 0.2950, 0.4782

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.



26.0317, 0.1806, 0.3775



26.0317, 0.3399, 0.2165



26.0317, 0.3575, 0.5350

Square

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



26.0317, 0.3399, 0.2165



26.0317, 0.5140, 0.4132



26.0317, 0.2590, 0.4979



26.0317, 0.1397, 0.1975

Rectangle

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



26.0317, 0.3399, 0.2165



26.0317, 0.5056, 0.3165



26.0317, 0.2590, 0.4979



26.0317, 0.1501, 0.2960

Sweetspot

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



26.0329, 0.3399, 0.2165



74.9478, 0.3195, 0.2933



16.4202, 0.2198, 0.1588



15.4925, 0.3204, 0.2890



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.



26.0329, 0.3399, 0.2165



33.6137, 0.3471, 0.1991



23.9577, 0.4166, 0.2797



12.5965, 0.3162, 0.3097



10.6289, 0.3664, 0.1792



0.6505, 0.3572, 0.1742

Inverse Universe

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



26.0329, 0.3399, 0.2165



33.6137, 0.3471, 0.1991



52.4573, 0.2641, 0.3889



12.5965, 0.3162, 0.3097



10.6289, 0.3664, 0.1792



0.6505, 0.3572, 0.1742

Previews

White Background



This preview shows how the Yxy color 26.0317, 0.3399, 0.2165 looks on a white background.

Color Contrast Check

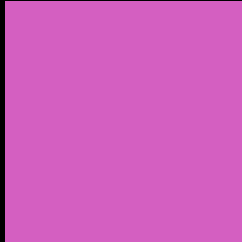
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0317, 0.3399, 0.2165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

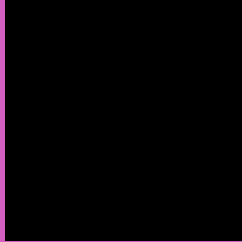
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0317, 0.3399, 0.2165

Background



This preview shows how black text looks on a background with the Yxy color 26.0317, 0.3399, 0.2165.

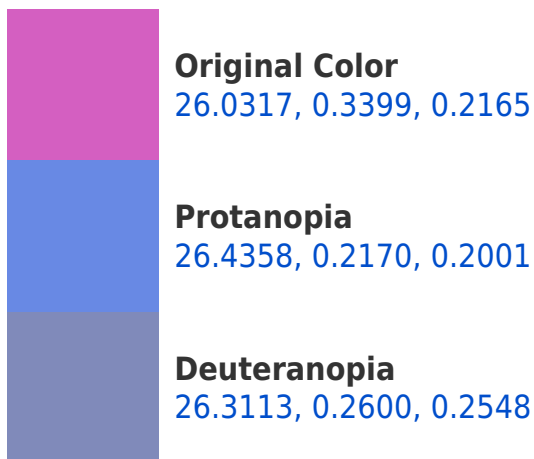


This preview shows how white text looks on a background with the Yxy color 26.0317, 0.3399, 0.2165.

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

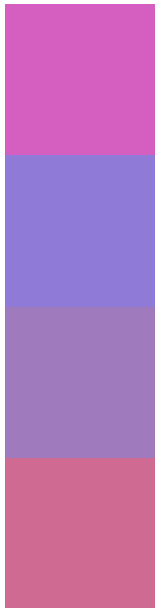




Tritanopia

26.0281, 0.4199, 0.3190

Trichromacy



Original Color

26.0317, 0.3399, 0.2165

Protanomaly

24.6650, 0.2491, 0.2011

Deuteranomaly

24.9641, 0.2851, 0.2338

Tritanomaly

25.6801, 0.3909, 0.2777

Monochromacy



Original Color

26.0317, 0.3399, 0.2165

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.1689, 0.3233, 0.2759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0317, 0.3399, 0.2165 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(212, 95, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 95, 193)  
}
```

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(212, 95, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 95, 193) }
```

Border

The CSS property to change the border of an element to Yxy 26.0317, 0.3399, 0.2165 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(212, 95, 193) }
```

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

```
.border{ border-color:rgb(212, 95, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 95, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 95, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 95, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 95,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0317, 0.3399, 0.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 95, 193) }
```

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

```
.background{ background-color: rgb(212, 95,  
193) }
```

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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