

Converting Colors

$Y_{xy}(25.0485, 0.2606, 0.1526)$

Have a look what the booklet for
Yxy(25.0485, 0.2606, 0.1526)
contains.

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Color

Yxy(25.0485, 0.2606, 0.1526)

Conversions

Conversions Part 1

Format	Color
Hex	BF57FE
RGB	191, 87, 254
RGB Percent	75%, 34%, 100%
CMY	0.2510, 0.6587, 0.0040
CMYK	0.25, 0.66, 0.00, 0.00
HSL	277°, 99%, 67%
HSV	277°, 66%, 100%
XYZ	42.7761, 25.0485, 96.3202
YIQ	137.1340, 8.3770, 73.9850

Conversions

Conversions Part 2

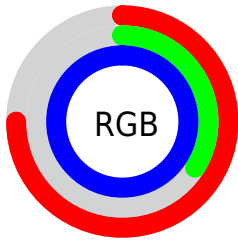
Format	Color
R _Y B	191, 87, 254
Decimal	12539902
CIE Lab	57.12, 67.99, -65.92
CIE LCh	57, 94.696, 315.885
Yxy	25.0485, 0.2606, 0.1526
Android (android.graphics.Color)	4290729982 (0xFFBF57FE)
YUV	137.1340, 57.6149, 47.2405
Hunter-Lab	50.0485, 64.9781, -79.0719

Details

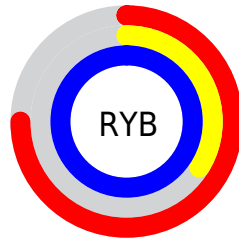
The Yxy color **25.0485, 0.2606, 0.1526** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **78.0382, 0.3333, 0.5229**, and the grayscale version is **24.8491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3742, 0.3144, 0.2201**, and **9.5443, 0.2404, 0.1159** is the 20% darker color. If you saturate the color by 10%, you get **20.4318, 0.2502, 0.1320**, and if you desaturate by 10%, it is **31.1941, 0.2708, 0.1771**.

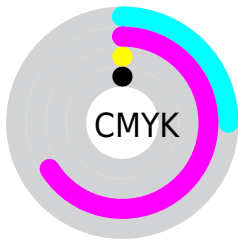
Distribution



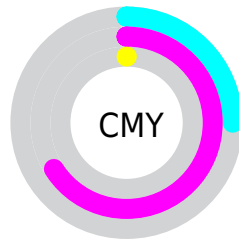
- Red (75%)
- Green (34%)
- Blue (100%)



- Red (75%)
- Yellow (34%)
- Blue (100%)



- Cyan (25%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0485, 0.2606, 0.1526 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 25.0485, 0.2606, 0.1526 by changing the saturation by 10% instead.


 25.0485, 0.2606,
0.1526


 25.0485, 0.2606,
0.1526


278.0794, 0.2915,
0.2325


 16.1132, 0.2520,
0.1358


 51.7359, 0.2726,
0.1793

 9.6043, 0.2408,
0.1161


 70.2568, 0.2769,
0.1901

 5.1374, 0.2256,
0.0932


 92.7416, 0.2804,
0.1994

 2.3281, 0.2046,
0.0669

 119.5749, 0.2834,
0.2077

 0.7885, 0.1749,
0.0385

151.1408, 0.2859,
0.2150

 0.0000, 0.1346,
0.0000

187.8240, 0.2880,


 0.0000, 0.0582,


0.2214

0.0000


230.0087, 0.2898,
0.2272


 0.0000, 0.0000,
0.0000

 25.0485, 0.2606,
0.1526


 25.0485, 0.2606,
0.1526

 20.4318, 0.2502,
0.1320

 31.1941, 0.2708,
0.1771

 17.1803, 0.2401,
0.1162

 39.0037, 0.2804,
0.2042


 15.0959, 0.2305,
0.1056

 48.6003, 0.2893,
0.2325

 14.4381, 0.2266,
0.1022

 60.0942, 0.2971,
0.2610

 73.5867, 0.3040,
0.2886

 89.1717, 0.3098,
0.3148

99.9338, 0.3133,
0.3300

Harmonies

Analogous

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



25.0485, 0.1551, 0.1287



25.0485, 0.2606, 0.1526



25.0485, 0.4220, 0.2062

Triad

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



25.0485, 0.2606, 0.1526



25.0485, 0.5357, 0.4559



25.0485, 0.1051, 0.3077

Complementary

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



25.0485, 0.2606, 0.1526



78.0382, 0.3333, 0.5229

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.



25.0485, 0.1751, 0.5177



25.0485, 0.2606, 0.1526



25.0485, 0.4186, 0.5697

Square

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



25.0485, 0.2606, 0.1526



25.0485, 0.6029, 0.3588



25.0485, 0.2908, 0.6342



25.0485, 0.0864, 0.1838

Rectangle

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



25.0485, 0.2606, 0.1526



25.0485, 0.5288, 0.2539



25.0485, 0.2908, 0.6342



25.0485, 0.1219, 0.3720

Sweetspot

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



25.0495, 0.2606, 0.1526



68.1973, 0.3012, 0.2770



31.3222, 0.2027, 0.1930



13.7862, 0.2992, 0.2692



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.



25.0495, 0.2606, 0.1526



19.3998, 0.2468, 0.1262



33.8552, 0.3389, 0.1938



17.9380, 0.3077, 0.3051



7.7012, 0.2280, 0.1030



0.8124, 0.2385, 0.1088

Inverse Universe

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



30.0887, 0.4448, 0.2689



25.4564, 0.4877, 0.2668



73.9431, 0.2962, 0.5216



18.1005, 0.3235, 0.3201



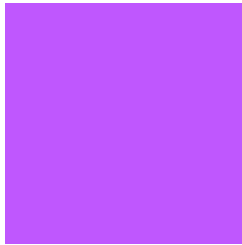
11.5787, 0.5476, 0.2790



1.1478, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 25.0485, 0.2606, 0.1526 looks on a white background.

Color Contrast Check

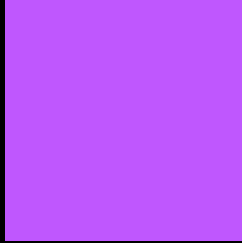
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0485, 0.2606, 0.1526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

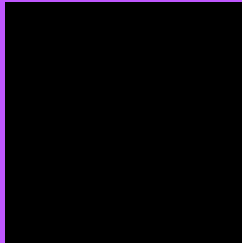
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0485, 0.2606, 0.1526

Background



This preview shows how black text looks on a background with the Yxy color 25.0485, 0.2606, 0.1526.



This preview shows how white text looks on a background with the Yxy color 25.0485, 0.2606, 0.1526.

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

25.0485, 0.2606, 0.1526

Protanopia

25.3728, 0.1909, 0.1664

Deuteranopia

25.3902, 0.1869, 0.1803



Tritanopia

24.7945, 0.3585, 0.3141

Trichromacy



Original Color

25.0485, 0.2606, 0.1526



Protanomaly

23.3556, 0.2061, 0.1535



Deuteranomaly

22.5374, 0.1979, 0.1583



Tritanomaly

24.0482, 0.3170, 0.2376

Monochromacy



Original Color

25.0485, 0.2606, 0.1526



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.6570, 0.2914, 0.2399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0485, 0.2606, 0.1526 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(191, 87, 254)` looks like.

```
.text, #text, p{  
    color:rgb(191, 87, 254)  
}
```

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(191, 87, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 87, 254) }
```

Border

The CSS property to change the border of an element to Yxy 25.0485, 0.2606, 0.1526 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(191, 87, 254) }
```

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

```
.border{ border-color:rgb(191, 87, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 87, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 87, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 87, 254);  
box-shadow:4px 4px 4px 4px rgb(191, 87,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0485, 0.2606, 0.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 87, 254) }
```

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

```
.background{ background-color: rgb(191, 87,  
254) }
```

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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