

Converting Colors

$Y_{xy}(25.3383, 0.2593, 0.1595)$

Have a look what the booklet for
Yxy(25.3383, 0.2593, 0.1595)
contains.

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Color

Yxy(25.3383, 0.2593, 0.1595)

Conversions

Conversions Part 1

Format	Color
Hex	B95FF9
RGB	185, 95, 249
RGB Percent	73%, 37%, 98%
CMY	0.2746, 0.6274, 0.0236
CMYK	0.26, 0.62, 0.00, 0.02
HSL	275°, 93%, 67%
HSV	275°, 62%, 98%
XYZ	41.1926, 25.3383, 92.3299
YIQ	139.4660, 4.2060, 66.9740

Conversions

Conversions Part 2

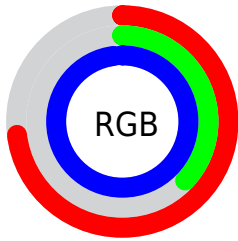
Format	Color
R _Y B	185, 95, 249
Decimal	12148729
CIE Lab	57.40, 61.99, -62.75
CIE LCh	57, 88.201, 314.652
Yxy	25.3383, 0.2593, 0.1595
Android (android.graphics.Color)	4290338809 (0xFFB95FF9)
YUV	139.4660, 54.0003, 39.9333
Hunter-Lab	50.3372, 57.9826, -73.5154

Details

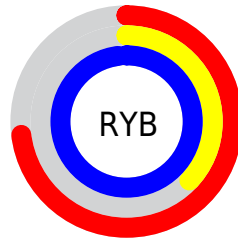
The Yxy color **25.3383, 0.2593, 0.1595** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **75.9431, 0.3371, 0.5096**, and the grayscale version is **25.7968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2658, 0.3083, 0.2245**, and **9.7688, 0.2389, 0.1229** is the 20% darker color. If you saturate the color by 10%, you get **20.3058, 0.2480, 0.1365**, and if you desaturate by 10%, it is **31.8993, 0.2703, 0.1859**.

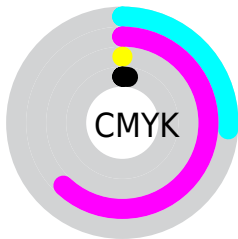
Distribution



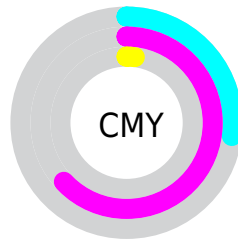
- Red (73%)
- Green (37%)
- Blue (98%)



- Red (73%)
- Yellow (37%)
- Blue (98%)



- Cyan (26%)
- Magenta (62%)
- Yellow (0%)
- Black (2%)





- Cyan (27%)
- Magenta (63%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3383, 0.2593, 0.1595 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 25.3383, 0.2593, 0.1595 by changing the saturation by 10% instead.


 25.3383, 0.2593,
0.1595


 25.3383, 0.2593,
0.1595


279.5185, 0.2905,
0.2373


 16.3293, 0.2507,
0.1428


 52.2055, 0.2714,
0.1858

 9.7575, 0.2394,
0.1232


 70.8325, 0.2757,
0.1963

 5.2384, 0.2241,
0.0999


 93.4343, 0.2793,
0.2054

 2.3878, 0.2029,
0.0729

 120.3952, 0.2823,
0.2134

 0.8196, 0.1727,
0.0431

152.0997, 0.2848,
0.2204

 0.0000, 0.1317,
0.0000

188.9322, 0.2870,


 0.0000, 0.0410,


0.2267


0.0000

231.2770, 0.2888,
0.2322

 0.0000, 0.0000,
0.0000


 25.3383, 0.2593,
0.1595


 25.3383, 0.2593,
0.1595

 20.3058, 0.2480,
0.1365


 31.8993, 0.2703,
0.1859


 16.6549, 0.2367,
0.1180


 40.1113, 0.2807,
0.2142

 14.2135, 0.2261,
0.1048

 50.0873, 0.2901,
0.2432

 12.9016, 0.2181,
0.0975

 61.9291, 0.2984,
0.2717

 75.7310, 0.3056,
0.2990

91.5804, 0.3117,
0.3245

99.6186, 0.3162,
0.3347

Harmonies

Analogous

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



25.3383, 0.1603, 0.1374



25.3383, 0.2593, 0.1595



25.3383, 0.4087, 0.2105

Triad

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



25.3383, 0.2593, 0.1595



25.3383, 0.5312, 0.4514



25.3383, 0.1178, 0.3182

Complementary

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



25.3383, 0.2593, 0.1595



75.9431, 0.3371, 0.5096

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.



25.3383, 0.1894, 0.5096



25.3383, 0.2593, 0.1595



25.3383, 0.4238, 0.5553

Square

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



25.3383, 0.2593, 0.1595



25.3383, 0.5883, 0.3597



25.3383, 0.3025, 0.6121



25.3383, 0.0962, 0.1965

Rectangle

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



25.3383, 0.2593, 0.1595



25.3383, 0.5088, 0.2566



25.3383, 0.3025, 0.6121



25.3383, 0.1355, 0.3785

Sweetspot

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



25.3393, 0.2593, 0.1595



69.2659, 0.3005, 0.2795



34.1294, 0.2104, 0.2097



13.9793, 0.2984, 0.2716



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.



25.3393, 0.2593, 0.1595



20.4462, 0.2454, 0.1319



34.3911, 0.3318, 0.1957



17.1440, 0.3071, 0.3051



6.9923, 0.2196, 0.0983



0.7098, 0.2313, 0.1048

Inverse Universe

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



30.8302, 0.4245, 0.2648



27.2281, 0.4603, 0.2595



71.2562, 0.2986, 0.5153



17.3449, 0.3228, 0.3192



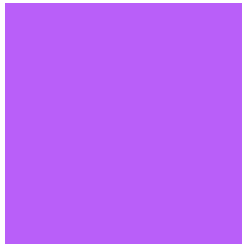
11.3370, 0.5317, 0.2703



1.0706, 0.5008, 0.2532

Previews

White Background



This preview shows how the Yxy color 25.3383, 0.2593, 0.1595 looks on a white background.

Color Contrast Check

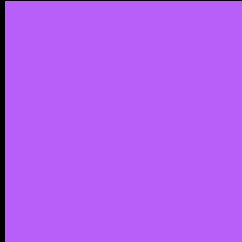
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3383, 0.2593, 0.1595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

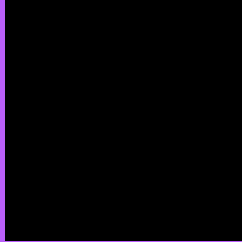
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3383, 0.2593, 0.1595

Background



This preview shows how black text looks on a background with the Yxy color 25.3383, 0.2593, 0.1595.

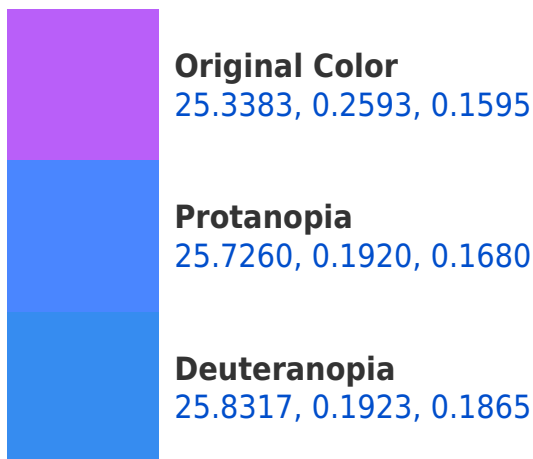


This preview shows how white text looks on a background with the Yxy color 25.3383, 0.2593, 0.1595.

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

25.0919, 0.3480, 0.3138

Trichromacy



Original Color

25.3383, 0.2593, 0.1595



Protanomaly

24.1022, 0.2073, 0.1592



Deuteranomaly

23.7111, 0.2056, 0.1689



Tritanomaly

24.3601, 0.3111, 0.2414

Monochromacy



Original Color

25.3383, 0.2593, 0.1595



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.4885, 0.2914, 0.2467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3383, 0.2593, 0.1595 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(185, 95, 249)` looks like.

```
.text, #text, p{  
    color:rgb(185, 95, 249)  
}
```

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(185, 95, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 95, 249) }
```

Border

The CSS property to change the border of an element to Yxy 25.3383, 0.2593, 0.1595 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(185, 95, 249) }
```

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

```
.border{ border-color:rgb(185, 95, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 95, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 95, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 95, 249);  
box-shadow:4px 4px 4px 4px rgb(185, 95,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3383, 0.2593, 0.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 95, 249) }
```

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

```
.background{ background-color: rgb(185, 95,  
249) }
```

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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