

Converting Colors

$Y_{xy}(30.2936, 0.2288, 0.1271)$

Have a look what the booklet for
Yxy(30.2936, 0.2288, 0.1271)
contains.

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Color

Yxy(26.0396, 0.2619, 0.1558)

Conversions

Conversions Part 1

Format	Color
Hex	C15BFF
RGB	193, 91, 255
RGB Percent	76%, 36%, 100%
CMY	0.2433, 0.6430, 0.0000
CMYK	0.24, 0.64, 0.00, 0.00
HSL	277°, 100%, 68%
HSV	277°, 64%, 100%
XYZ	43.7726, 26.0396, 97.3226
YIQ	140.1940, 8.1480, 72.6280

Conversions

Conversions Part 2

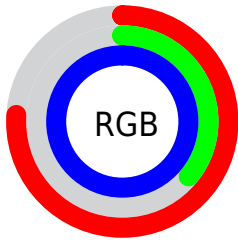
Format	Color
R _Y B	193, 91, 255
Decimal	12671999
CIE Lab	58.07, 66.83, -64.94
CIE LCh	58, 93.189, 315.824
Yxy	26.0396, 0.2619, 0.1558
Android (android.graphics.Color)	4290862079 (0xFFC15BFF)
YUV	140.1940, 56.5994, 46.3109
Hunter-Lab	51.0290, 63.8162, -77.3576

Details

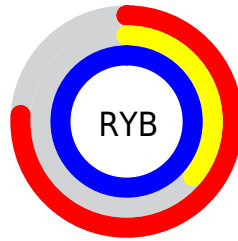
The Yxy color **26.0396, 0.2619, 0.1558** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **79.0546, 0.3335, 0.5189**, and the grayscale version is **26.0829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9701, 0.3159, 0.2242**, and **10.1621, 0.2435, 0.1204** is the 20% darker color. If you saturate the color by 10%, you get **21.1674, 0.2515, 0.1345**, and if you desaturate by 10%, it is **32.4771, 0.2721, 0.1808**.

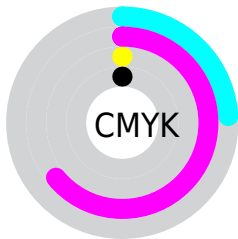
Distribution



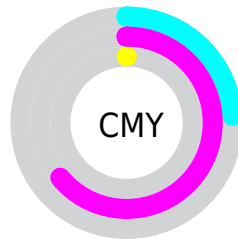
- Red (76%)
- Green (36%)
- Blue (100%)



- Red (76%)
- Yellow (36%)
- Blue (100%)



- Cyan (24%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0396, 0.2619, 0.1558 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 26.0396, 0.2619, 0.1558 by changing the saturation by 10% instead.


 26.0396, 0.2619,
0.1558


 26.0396, 0.2619,
0.1558


282.9764, 0.2918,
0.2342


 16.8533, 0.2536,
0.1393


 53.3388, 0.2735,
0.1821


 10.1299, 0.2427,
0.1199


 72.2205, 0.2777,
0.1926

 5.4852, 0.2281,
0.0972


 95.1028, 0.2811,
0.2018

 2.5347, 0.2078,
0.0710

 122.3700, 0.2840,
0.2099

 0.8939, 0.1791,
0.0424

154.4066, 0.2864,
0.2170

 0.0000, 0.1402,
0.0000

191.5969, 0.2885,


 0.0000, 0.0691,


0.2234


0.0000

234.3254, 0.2903,
0.2291


 0.0000, 0.0000,
0.0000


 26.0396, 0.2619,
0.1558


 26.0396, 0.2619,
0.1558


 21.1674, 0.2515,
0.1345


 32.4771, 0.2721,
0.1808


 17.6989, 0.2412,
0.1180

 40.6134, 0.2816,
0.2082


 15.4411, 0.2315,
0.1067

 50.5710, 0.2904,
0.2366

 14.5389, 0.2263,
0.1020

 62.4599, 0.2981,
0.2650

 76.3812, 0.3048,
0.2925

 92.4288, 0.3106,
0.3184

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



26.0396, 0.1581, 0.1322



26.0396, 0.2619, 0.1558



26.0396, 0.4190, 0.2088

Triad

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



26.0396, 0.2619, 0.1558



26.0396, 0.5326, 0.4555



26.0396, 0.1095, 0.3096

Complementary

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



26.0396, 0.2619, 0.1558



79.0546, 0.3335, 0.5189

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.



26.0396, 0.1794, 0.5119



26.0396, 0.2619, 0.1558



26.0396, 0.4189, 0.5652

Square

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



26.0396, 0.2619, 0.1558



26.0396, 0.5970, 0.3604



26.0396, 0.2938, 0.6253



26.0396, 0.0902, 0.1876

Rectangle

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



26.0396, 0.2619, 0.1558



26.0396, 0.5227, 0.2560



26.0396, 0.2938, 0.6253



26.0396, 0.1263, 0.3719

Sweetspot

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



26.0406, 0.2619, 0.1558



69.5747, 0.3018, 0.2797



32.5223, 0.2048, 0.1965



14.0541, 0.2999, 0.2718



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.



26.0406, 0.2619, 0.1558



20.0986, 0.2487, 0.1296



34.7977, 0.3382, 0.1958



17.9369, 0.3077, 0.3051



7.6855, 0.2278, 0.1028



0.8109, 0.2383, 0.1086

Inverse Universe

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



31.0522, 0.4401, 0.2693



26.0444, 0.4808, 0.2663



74.8732, 0.2963, 0.5172



18.1008, 0.3234, 0.3200



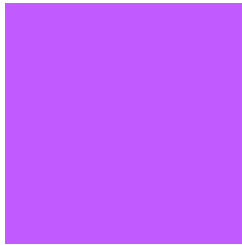
11.5816, 0.5471, 0.2788



1.1481, 0.5163, 0.2618

Previews

White Background



This preview shows how the Yxy color 26.0396, 0.2619, 0.1558 looks on a white background.

Color Contrast Check

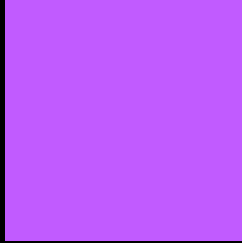
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0396, 0.2619, 0.1558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

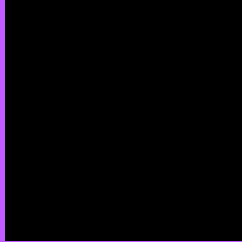
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0396, 0.2619, 0.1558

Background



This preview shows how black text looks on a background with the Yxy color 26.0396, 0.2619, 0.1558.

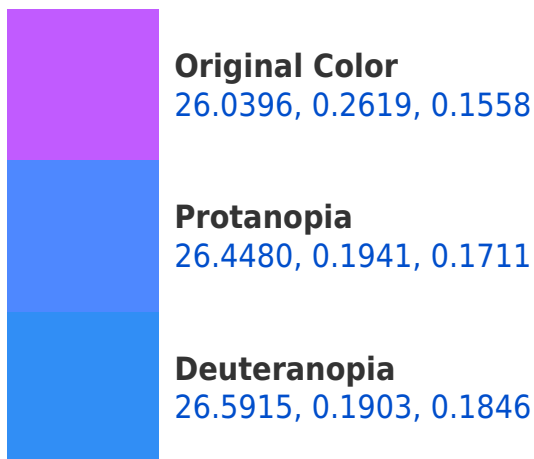


This preview shows how white text looks on a background with the Yxy color 26.0396, 0.2619, 0.1558.

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

25.8406, 0.3576, 0.3157

Trichromacy



Original Color

26.0396, 0.2619, 0.1558



Protanomaly

24.6460, 0.2100, 0.1592



Deuteranomaly

23.7722, 0.2024, 0.1629



Tritanomaly

24.9926, 0.3180, 0.2410

Monochromacy



Original Color

26.0396, 0.2619, 0.1558



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.6674, 0.2917, 0.2423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0396, 0.2619, 0.1558 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(193, 91, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 91, 255)  
}
```

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(193, 91, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 91, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.0396, 0.2619, 0.1558 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(193, 91, 255) }
```

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

```
.border{ border-color:rgb(193, 91, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 91, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 91, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 91, 255); box-shadow:4px 4px 4px 4px rgb(193, 91, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0396, 0.2619, 0.1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 91, 255) }
```

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

```
.background{ background-color: rgb(193, 91,  
255) }
```

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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