

Converting Colors

$Y_{xy}(26.0646, 0.2822, 0.1659)$

Have a look what the booklet for
Yxy(26.0646, 0.2822, 0.1659)
contains.

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Color

Yxy(26.0646, 0.2822, 0.1659)

Conversions

Conversions Part 1

Format	Color
Hex	CC57F2
RGB	204, 87, 242
RGB Percent	80%, 34%, 95%
CMY	0.2000, 0.6588, 0.0509
CMYK	0.16, 0.64, 0.00, 0.05
HSL	285°, 86%, 65%
HSV	285°, 64%, 95%
XYZ	44.3365, 26.0646, 86.7092
YIQ	139.6530, 19.9770, 73.0090

Conversions

Conversions Part 2

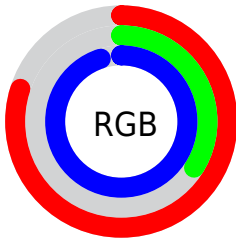
Format	Color
R_{YB}	204, 87, 242
Decimal	13391858
CIE _{Lab}	58.10, 68.38, -57.63
CIE _{LCh}	58, 89.426, 319.880
Yxy	26.0646, 0.2822, 0.1659
Android (android.graphics.Color)	4291581938 (0xFFCC57F2)
YUV	139.6530, 50.4571, 56.4323
Hunter-Lab	51.0535, 65.6716, -64.9606

Details

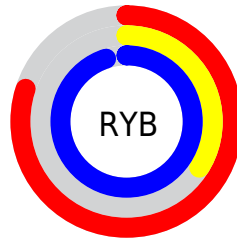
The Yxy color **26.0646, 0.2822, 0.1659** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **68.5632, 0.3213, 0.5252**, and the grayscale version is **25.8808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4265, 0.3177, 0.2221**, and **10.1501, 0.2684, 0.1305** is the 20% darker color. If you saturate the color by 10%, you get **21.9586, 0.2756, 0.1472**, and if you desaturate by 10%, it is **31.5176, 0.2886, 0.1883**.

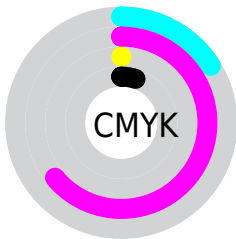
Distribution



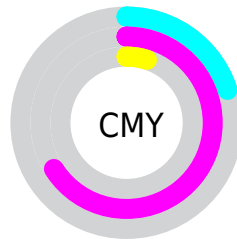
- Red (80%)
- Green (34%)
- Blue (95%)



- Red (80%)
- Yellow (34%)
- Blue (95%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (5%)




- Cyan (20%)
- Magenta (66%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0646, 0.2822, 0.1659 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 26.0646, 0.2822, 0.1659 by changing the saturation by 10% instead.


 26.0646, 0.2822,
0.1659


 26.0646, 0.2822,
0.1659


283.0991, 0.3019,
0.2408


 16.8720, 0.2763,
0.1497


 53.3791, 0.2902,
0.1913

 10.1433, 0.2682,
0.1304


 72.2699, 0.2930,
0.2014

 5.4940, 0.2568,
0.1075


 95.1620, 0.2952,
0.2102

 2.5399, 0.2403,
0.0804

 122.4401, 0.2971,
0.2178

 0.8966, 0.2152,
0.0496

154.4884, 0.2986,
0.2246

 0.0000, 0.1795,
0.0000

191.6915, 0.2999,

 0.0000, 0.1017,

0.2306

0.0000

234.4335, 0.3010,
0.2360

0.0000, 0.0000,
0.0000

26.0646, 0.2822,
0.1659

26.0646, 0.2822,
0.1659

21.9586, 0.2756,
0.1472

31.5176, 0.2886,
0.1883

19.0589, 0.2689,
0.1331

38.4330, 0.2944,
0.2134


17.1987, 0.2623,
0.1236

46.9175, 0.2997,
0.2400

16.4359, 0.2585,
0.1198


57.0667, 0.3043,
0.2670

68.9685, 0.3083,
0.2936

 82.7045, 0.3116,
0.3191

 97.4427, 0.3143,
0.3417

 98.5309, 0.3180,
0.3416

 99.1916, 0.3203,
0.3415

Harmonies

Analogous

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



26.0646, 0.1731, 0.1386



26.0646, 0.2822, 0.1659



26.0646, 0.4370, 0.2215

Triad

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



26.0646, 0.2822, 0.1659



26.0646, 0.5153, 0.4694



26.0646, 0.1103, 0.2902

Complementary

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



26.0646, 0.2822, 0.1659



68.5632, 0.3213, 0.5252

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.



26.0646, 0.1724, 0.4772



26.0646, 0.2822, 0.1659



26.0646, 0.4029, 0.5723

Square

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



26.0646, 0.2822, 0.1659



26.0646, 0.5849, 0.3742



26.0646, 0.2811, 0.6092



26.0646, 0.0958, 0.1830

Rectangle

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



26.0646, 0.2822, 0.1659



26.0646, 0.5312, 0.2691



26.0646, 0.2811, 0.6092



26.0646, 0.1248, 0.3459

Sweetspot

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



26.0657, 0.2822, 0.1659



70.7031, 0.3064, 0.2804



23.2987, 0.1988, 0.1691



14.3286, 0.3052, 0.2727



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.



26.0657, 0.2822, 0.1659



23.5539, 0.2734, 0.1422



30.0219, 0.3615, 0.2135



15.8248, 0.3099, 0.3054



8.8954, 0.2596, 0.1203



0.7859, 0.2680, 0.1250

Inverse Universe

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



27.1790, 0.4689, 0.2914



25.4097, 0.5209, 0.2914



67.0394, 0.2879, 0.4894



15.8224, 0.3255, 0.3232



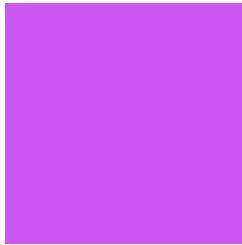
10.3308, 0.5944, 0.3048



0.8747, 0.5576, 0.2845

Previews

White Background



This preview shows how the Yxy color 26.0646, 0.2822, 0.1659 looks on a white background.

Color Contrast Check

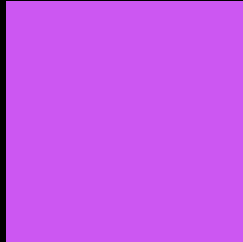
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0646, 0.2822, 0.1659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

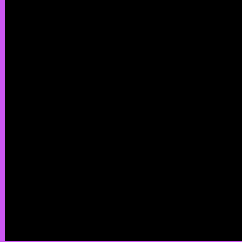
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0646, 0.2822, 0.1659

Background



This preview shows how black text looks on a background with the Yxy color 26.0646, 0.2822, 0.1659.



This preview shows how white text looks on a background with the Yxy color 26.0646, 0.2822, 0.1659.

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

26.0646, 0.2822, 0.1659

Protanopia

26.4906, 0.1944, 0.1712

Deuteranopia

26.5382, 0.2040, 0.1982



Tritanopia

25.9778, 0.3852, 0.3166

Trichromacy



Original Color

26.0646, 0.2822, 0.1659



Protanomaly

24.1441, 0.2142, 0.1614



Deuteranomaly

24.0160, 0.2216, 0.1757



Tritanomaly

25.3469, 0.3438, 0.2485

Monochromacy



Original Color

26.0646, 0.2822, 0.1659



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.6356, 0.3009, 0.2481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0646, 0.2822, 0.1659 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(204, 87, 242)` looks like.

```
.text, #text, p{  
    color:rgb(204, 87, 242)  
}
```

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(204, 87, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 87, 242) }
```

Border

The CSS property to change the border of an element to Yxy 26.0646, 0.2822, 0.1659 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(204, 87, 242) }
```

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

```
.border{ border-color:rgb(204, 87, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 87, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 87, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 87, 242);  
box-shadow:4px 4px 4px 4px rgb(204, 87,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0646, 0.2822, 0.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 87, 242) }
```

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

```
.background{ background-color: rgb(204, 87,  
242) }
```

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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