

Converting Colors

$Y_{xy}(27.6158, 0.2634, 0.1625)$

Have a look what the booklet for
Yxy(27.6158, 0.2634, 0.1625)
contains.

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Color

Yxy(27.6130, 0.2634, 0.1625)

Conversions

Conversions Part 1

Format	Color
Hex	C263FF
RGB	194, 99, 255
RGB Percent	76%, 39%, 100%
CMY	0.2392, 0.6117, 0.0001
CMYK	0.24, 0.61, 0.00, 0.00
HSL	277°, 100%, 69%
HSV	277°, 61%, 100%
XYZ	44.7585, 27.6130, 97.5546
YIQ	145.1890, 6.5440, 68.6560

Conversions

Conversions Part 2

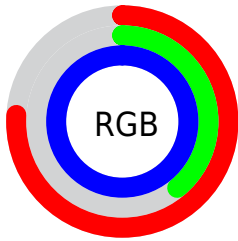
Format	Color
RYB	194, 99, 255
Decimal	12739583
CIELab	59.54, 63.41, -62.57
CIElCh	60, 89.082, 315.380
Yxy	27.6130, 0.2634, 0.1625
Android (android.graphics.Color)	4290929663 (0xFFC263FF)
YUV	145.1890, 54.1368, 42.8072
Hunter-Lab	52.5481, 60.0807, -73.2872

Details

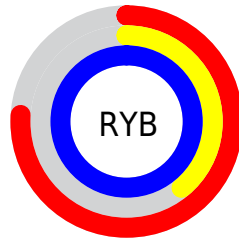
The Yxy color $27.6130, 0.2634, 0.1625$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $79.8729, 0.3347, 0.5093$, and the grayscale version is $28.1716, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4020, 0.3165, 0.2308$, and $10.9932, 0.2455, 0.1279$ is the 20% darker color. If you saturate the color by 10%, you get $22.2467, 0.2527, 0.1397$, and if you desaturate by 10%, it is $34.5942, 0.2738, 0.1886$.

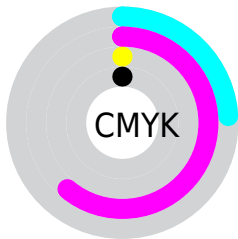
Distribution



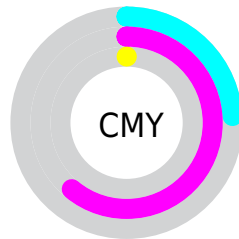
- Red (76%)
- Green (39%)
- Blue (100%)



- Red (76%)
- Yellow (39%)
- Blue (100%)



- Cyan (24%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6130, 0.2634, 0.1625 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 27.6130, 0.2634, 0.1625 by changing the saturation by 10% instead.

 27.6130, 0.2634,
0.1625


 27.6130, 0.2634,
0.1625


290.6130, 0.2921,
0.2381


 18.0341, 0.2555,
0.1464


 55.8660, 0.2745,
0.1879


 10.9745, 0.2452,
0.1275


 75.3089, 0.2785,
0.1981

 6.0497, 0.2312,
0.1051


 98.8086, 0.2818,
0.2069

 2.8753, 0.2119,
0.0789

 126.7495, 0.2845,
0.2147

 1.0670, 0.1844,
0.0496

159.5160, 0.2869,
0.2216

 0.0000, 0.1479,
0.0000

197.4925, 0.2889,

 0.0000, 0.0805,

0.2277

0.0000

241.0634, 0.2906,
0.2331

■ 0.0000, 0.0000,
0.0000

■ 27.6130, 0.2634,
0.1625

■ 27.6130, 0.2634,
0.1625

■ 22.2467, 0.2527,
0.1397

■ 34.5942, 0.2738,
0.1886

■ 18.3413, 0.2420,
0.1214

■ 43.3185, 0.2834,
0.2167

■ 15.7170, 0.2319,
0.1082

■ 53.9047, 0.2922,
0.2454

■ 14.2185, 0.2235,
0.1005

■ 66.4599, 0.2999,
0.2737

■ 81.0828, 0.3065,
0.3008

97.8657, 0.3121,
0.3262

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



27.6130, 0.1640, 0.1399



27.6130, 0.2634, 0.1625



27.6130, 0.4110, 0.2137

Triad

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



27.6130, 0.2634, 0.1625



27.6130, 0.5270, 0.4538



27.6130, 0.1195, 0.3150

Complementary

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



27.6130, 0.2634, 0.1625



79.8729, 0.3347, 0.5093

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.



27.6130, 0.1894, 0.5014



27.6130, 0.2634, 0.1625



27.6130, 0.4209, 0.5552

Square

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



27.6130, 0.2634, 0.1625



27.6130, 0.5840, 0.3626



27.6130, 0.3010, 0.6064



27.6130, 0.0986, 0.1968

Rectangle

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



27.6130, 0.2634, 0.1625



27.6130, 0.5085, 0.2597



27.6130, 0.3010, 0.6064



27.6130, 0.1367, 0.3734

Sweetspot

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



27.6141, 0.2634, 0.1625



70.8850, 0.3021, 0.2824



35.4980, 0.2105, 0.2075



14.3045, 0.3000, 0.2744



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.



27.6141, 0.2634, 0.1625



21.4329, 0.2507, 0.1360



36.4335, 0.3342, 0.1985



17.9253, 0.3075, 0.3051



7.5202, 0.2250, 0.1013



0.7954, 0.2357, 0.1072

Inverse Universe

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



32.7160, 0.4280, 0.2691



27.4389, 0.4643, 0.2642



75.3838, 0.2977, 0.5104



18.1046, 0.3233, 0.3197



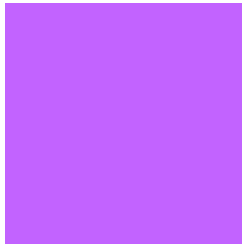
11.6134, 0.5421, 0.2760



1.1514, 0.5117, 0.2592

Previews

White Background



This preview shows how the Yxy color 27.6130, 0.2634, 0.1625 looks on a white background.

Color Contrast Check

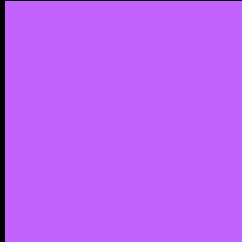
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6130, 0.2634, 0.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

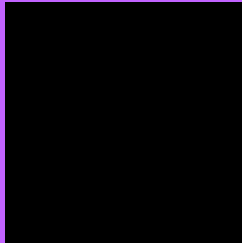
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6130, 0.2634, 0.1625

Background



This preview shows how black text looks on a background with the Yxy color 27.6130, 0.2634, 0.1625.



This preview shows how white text looks on a background with the Yxy color 27.6130, 0.2634, 0.1625.

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

27.6130, 0.2634, 0.1625

Protanopia

28.0509, 0.1992, 0.1777

Deuteranopia

28.0629, 0.1958, 0.1894



Tritanopia

27.2996, 0.3517, 0.3130

Trichromacy



Original Color

27.6130, 0.2634, 0.1625



Protanomaly

26.3993, 0.2155, 0.1666



Deuteranomaly

25.7886, 0.2104, 0.1715



Tritanomaly

26.5576, 0.3156, 0.2434

Monochromacy



Original Color

27.6130, 0.2634, 0.1625



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.7277, 0.2932, 0.2482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6130, 0.2634, 0.1625 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(194, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 99, 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(194, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 99, 255) }
```

Border

The CSS property to change the border of an element to Yxy 27.6130, 0.2634, 0.1625 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(194, 99, 255) }
```

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

```
.border{ border-color:rgb(194, 99, 255) }
```

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

Here you see how a box with a 4 pixel rgb(194, 99, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 99, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 99, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 99,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6130, 0.2634, 0.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 99, 255) }
```

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

```
.background{ background-color: rgb(194, 99,  
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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