

Converting Colors

$Yxy(58.1049, 0.2762, 0.2617)$

Have a look what the booklet for
Yxy(58.1049, 0.2762, 0.2617)
contains.

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Color

Yxy(58.2211, 0.2764, 0.2620)

Conversions

Conversions Part 1

Format	Color
Hex	C9C2FF
RGB	201, 194, 255
RGB Percent	79%, 76%, 100%
CMY	0.2118, 0.2392, 0.0001
CMYK	0.21, 0.24, 0.00, 0.00
HSL	247°, 100%, 88%
HSV	247°, 24%, 100%
XYZ	61.4210, 58.2211, 102.5758
YIQ	203.0470, -15.4090, 20.4550

Conversions

Conversions Part 2

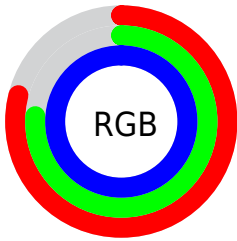
Format	Color
R _Y B	201, 194, 255
Decimal	13222655
CIE _{Lab}	80.86, 14.77, -29.06
CIE _{LCh}	81, 32.597, 296.945
Y _{xy}	58.2211, 0.2764, 0.2620
Android (android.graphics.Color)	4291412735 (0xFFC9C2FF)
YUV	203.0470, 25.6128, -1.7952
Hunter-Lab	76.3028, 10.1564, -26.2932

Details

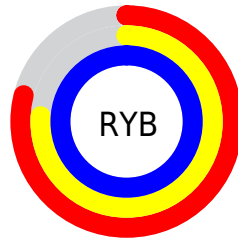
The Yxy color **58.2211, 0.2764, 0.2620** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.3466, 0.3443, 0.3899**, and the grayscale version is **59.5952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **28.9444, 0.2669, 0.2459** is the 20% darker color. If you saturate the color by 10%, you get **44.9279, 0.2580, 0.2291**, and if you desaturate by 10%, it is **73.9258, 0.2930, 0.2922**.

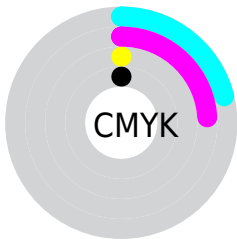
Distribution



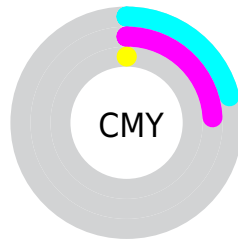
- Red (79%)
- Green (76%)
- Blue (100%)



- Red (79%)
- Yellow (76%)
- Blue (100%)



- Cyan (21%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2211, 0.2764, 0.2620 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 58.2211, 0.2764, 0.2620 by changing the saturation by 10% instead.

 58.2211, 0.2764,
0.2620

 58.2211, 0.2764,
0.2620

418.0093, 0.2940,
0.2929

 41.9864, 0.2722,
0.2550

 102.2448, 0.2826,
0.2727

 29.0907, 0.2670,
0.2465


130.8025, 0.2850,
0.2768

 19.1494, 0.2603,
0.2358


164.2368, 0.2870,
0.2804

 11.7783, 0.2515,
0.2220

202.9320, 0.2888,
0.2835

 6.5929, 0.2392,
0.2036

247.2724, 0.2903,
0.2863

 3.2088, 0.2212,
0.1782

297.6425, 0.2917,

 1.2417, 0.1931,

0.2887

0.1417

354.4267, 0.2929,
0.2909

0.0954, 0.1401,
0.0296

0.0000, 0.0000,
0.0000

58.2211, 0.2764,
0.2620

58.2211, 0.2764,
0.2620

44.9279, 0.2580,
0.2291

73.9258, 0.2930,
0.2922

33.9199, 0.2382,
0.1945

92.1461, 0.3076,
0.3193

25.0698, 0.2179,
0.1598

99.9976, 0.3127,
0.3290

18.2351, 0.1982,
0.1273

■ 13.2557, 0.1806,
0.0995

■ 9.9473, 0.1666,
0.0787

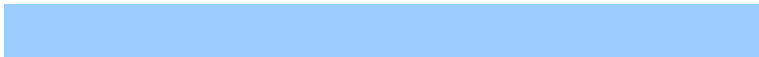
■ 8.0868, 0.1570,
0.0661

■ 7.4812, 0.1533,
0.0618

Harmonies

Analogous

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



58.2211, 0.2473, 0.2634



58.2211, 0.2764, 0.2620



58.2211, 0.3172, 0.2759

Triad

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



58.2211, 0.2764, 0.2620



58.2211, 0.3968, 0.3684



58.2211, 0.2661, 0.3571

Complementary

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



58.2211, 0.2764, 0.2620



95.3466, 0.3443, 0.3899

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.



58.2211, 0.3039, 0.3918



58.2211, 0.2764, 0.2620



58.2211, 0.3803, 0.3952

Square

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



58.2211, 0.2764, 0.2620



58.2211, 0.3893, 0.3347



58.2211, 0.3458, 0.4054



58.2211, 0.2415, 0.3155

Rectangle

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



58.2211, 0.2764, 0.2620



58.2211, 0.3459, 0.2921



58.2211, 0.3458, 0.4054



58.2211, 0.2776, 0.3703

Sweetspot

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



58.2235, 0.2764, 0.2620



86.2594, 0.3033, 0.3113



86.3586, 0.2768, 0.3224



18.2223, 0.3024, 0.3097



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.



58.2235, 0.2764, 0.2620



51.1722, 0.2672, 0.2455



62.7275, 0.2974, 0.2659



17.4772, 0.2996, 0.3045



3.9418, 0.1540, 0.0622



0.4144, 0.1612, 0.0662

Inverse Universe

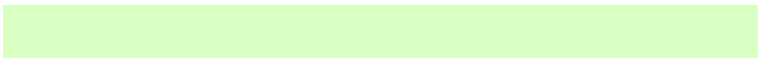
The Inverse Universe completely reimagines the original color for something new.



66.6198, 0.3205, 0.2757



61.0152, 0.3225, 0.2642



90.3581, 0.3248, 0.3938



18.2625, 0.3156, 0.3082



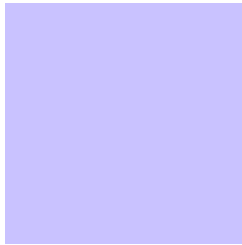
13.9874, 0.3521, 0.1713



1.3716, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 58.2211, 0.2764, 0.2620 looks on a white background.

Color Contrast Check

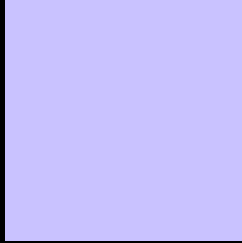
Large Text (above 18pt) WCAG AA × Fail

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 58.2211, 0.2764, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

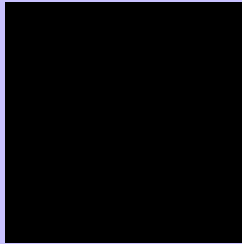
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2211, 0.2764, 0.2620

Background



This preview shows how black text looks on a background with the Yxy color 58.2211, 0.2764, 0.2620.



This preview shows how white text looks on a background with the Yxy color 58.2211, 0.2764, 0.2620.

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

58.2211, 0.2764, 0.2620

Protanopia

58.5060, 0.2669, 0.2659

Deuteranopia

58.2947, 0.2712, 0.2653



Tritanopia

58.2524, 0.2963, 0.3101

Trichromacy



Original Color

58.2211, 0.2764, 0.2620

Protanomaly

58.2289, 0.2699, 0.2641

Deuteranomaly

58.2377, 0.2731, 0.2645

Tritanomaly

58.0280, 0.2890, 0.2910

Monochromacy



Original Color

58.2211, 0.2764, 0.2620

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1390, 0.2988, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2211, 0.2764, 0.2620 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(201, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 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(201, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.2211, 0.2764, 0.2620 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(201, 194, 255) }
```

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

```
.border{ border-color:rgb(201, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2211, 0.2764, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 255) }
```

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

```
.background{ background-color: rgb(201,  
194, 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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