

Converting Colors

$Y_{xy}(57.2779, 0.2620, 0.2643)$

Have a look what the booklet for
Yxy(57.2779, 0.2620, 0.2643)
contains.

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Color

Yxy(57.0731, 0.2617, 0.2638)

Conversions

Conversions Part 1

Format	Color
Hex	B2C6FF
RGB	178, 198, 255
RGB Percent	70%, 78%, 100%
CMY	0.3017, 0.2236, 0.0000
CMYK	0.30, 0.22, 0.00, 0.00
HSL	224°, 100%, 85%
HSV	224°, 30%, 100%
XYZ	56.6188, 57.0731, 102.6580
YIQ	198.5180, -30.2170, 13.4870

Conversions

Conversions Part 2

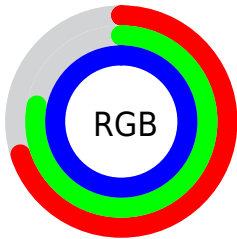
Format	Color
R _Y B	178, 194, 255
Decimal	11716351
CIE Lab	80.22, 5.96, -30.22
CIE LCh	80, 30.798, 281.159
Yxy	57.0731, 0.2617, 0.2638
Android (android.graphics.Color)	4289906431 (0xFFB2C6FF)
YUV	198.5180, 27.8456, -17.9943
Hunter-Lab	75.5467, 1.5706, -27.6845

Details

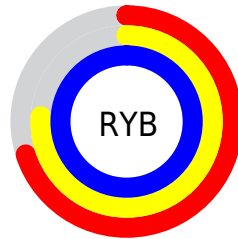
The Yxy color **57.0731, 0.2617, 0.2638** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9456, 0.3639, 0.3866**, and the grayscale version is **56.6514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **28.2347, 0.2487, 0.2478** is the 20% darker color. If you saturate the color by 10%, you get **46.2241, 0.2429, 0.2376**, and if you desaturate by 10%, it is **69.5625, 0.2798, 0.2879**.

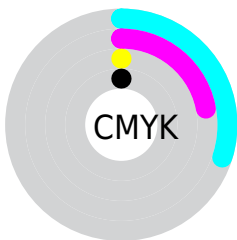
Distribution



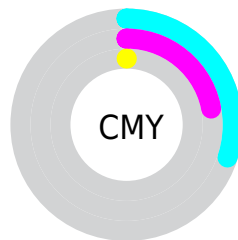
- Red (70%)
- Green (78%)
- Blue (100%)



- Red (70%)
- Yellow (76%)
- Blue (100%)



- Cyan (30%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0731, 0.2617, 0.2638 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 57.0731, 0.2617, 0.2638 by changing the saturation by 10% instead.

■ 57.0731, 0.2617,
0.2638

■ 57.0731, 0.2617,
0.2638

413.7232, 0.2860,
0.2943

■ 41.0639, 0.2560,
0.2568

■ 100.5718, 0.2702,
0.2744

■ 28.3690, 0.2490,
0.2482

128.8302, 0.2735,
0.2785

■ 18.6040, 0.2400,
0.2373

161.9404, 0.2764,
0.2821

■ 11.3845, 0.2282,
0.2232

200.2869, 0.2788,
0.2852

■ 6.3261, 0.2121,
0.2043

244.2540, 0.2809,
0.2879

■ 3.0444, 0.1892,
0.1779

294.2262, 0.2828,

■ 1.1549, 0.1548,

0.2903

0.1396

350.5878, 0.2845,
0.2924

0.0244, 0.0587,
0.0085

0.0000, 0.0000,
0.0000

57.0731, 0.2617,
0.2638

57.0731, 0.2617,
0.2638

46.2241, 0.2429,
0.2376

69.5625, 0.2798,
0.2879

36.9425, 0.2239,
0.2099

83.7562, 0.2968,
0.3095

29.1529, 0.2057,
0.1814

99.7173, 0.3125,
0.3287

22.7725, 0.1890,
0.1535

100.0000, 0.3127,
0.3290

■ 17.7093, 0.1751,
0.1276

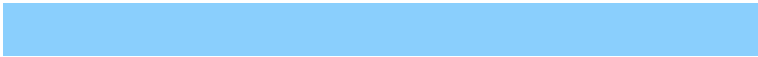
■ 13.8589, 0.1646,
0.1053

■ 11.1161, 0.1577,
0.0877

Harmonies

Analogous

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



57.0731, 0.2419, 0.2737



57.0731, 0.2617, 0.2638



57.0731, 0.2957, 0.2696

Triad

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



57.0731, 0.2617, 0.2638



57.0731, 0.3919, 0.3502



57.0731, 0.2863, 0.3748

Complementary

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



57.0731, 0.2617, 0.2638



83.9456, 0.3639, 0.3866

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.



57.0731, 0.3257, 0.3983



57.0731, 0.2617, 0.2638



57.0731, 0.3880, 0.3802

Square

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



57.0731, 0.2617, 0.2638



57.0731, 0.3727, 0.3175



57.0731, 0.3632, 0.3991



57.0731, 0.2552, 0.3369

Rectangle

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



57.0731, 0.2617, 0.2638



57.0731, 0.3229, 0.2812



57.0731, 0.3632, 0.3991



57.0731, 0.2989, 0.3848

Sweetspot

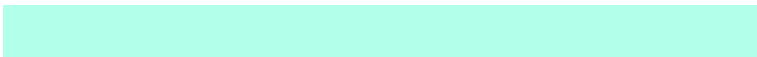
The Sweet Spot groups the original color and five complimentary colors.



57.0739, 0.2617, 0.2638



85.5273, 0.2987, 0.3119



86.9621, 0.2792, 0.3515



17.8347, 0.2963, 0.3089



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.



57.0739, 0.2617, 0.2638



50.5510, 0.2508, 0.2488



50.8286, 0.2715, 0.2432



18.1419, 0.2979, 0.3108



6.0111, 0.1584, 0.0903



0.7529, 0.1643, 0.1113

Inverse Universe

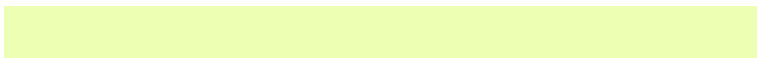
The Inverse Universe completely reimagines the original color for something new.



57.2062, 0.3632, 0.3084



51.1116, 0.3771, 0.3043



92.7505, 0.3463, 0.4079



18.0642, 0.3253, 0.3229



11.3348, 0.5908, 0.3028



1.1205, 0.5591, 0.2854

Previews

White Background



This preview shows how the Yxy color 57.0731, 0.2617, 0.2638 looks on a white background.

Color Contrast Check

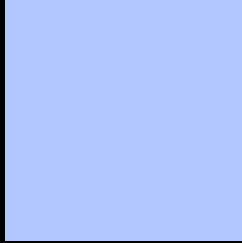
Large Text (above 18pt) WCAG AA × Fail

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 57.0731, 0.2617, 0.2638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

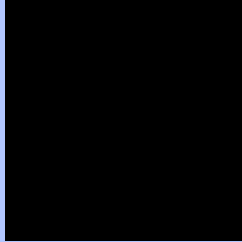
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0731, 0.2617, 0.2638

Background



This preview shows how black text looks on a background with the Yxy color 57.0731, 0.2617, 0.2638.



This preview shows how white text looks on a background with the Yxy color 57.0731, 0.2617, 0.2638.

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

57.0731, 0.2617, 0.2638

Protanopia

56.8260, 0.2658, 0.2632

Deuteranopia

56.9416, 0.2677, 0.2615



Tritanopia

57.0641, 0.2777, 0.3081

Trichromacy



Original Color

57.0731, 0.2617, 0.2638

Protanomaly

57.0333, 0.2646, 0.2641

Deuteranomaly

56.8902, 0.2652, 0.2622

Tritanomaly

57.1229, 0.2723, 0.2919

Monochromacy



Original Color

57.0731, 0.2617, 0.2638

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0377, 0.2927, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0731, 0.2617, 0.2638 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(178, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 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(178, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.0731, 0.2617, 0.2638 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(178, 198, 255) }
```

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

```
.border{ border-color:rgb(178, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0731, 0.2617, 0.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 255) }
```

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

```
.background{ background-color: rgb(178,  
198, 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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