

Converting Colors

$Yxy(58.0962, 0.2538, 0.2517)$

Have a look what the booklet for
Yxy(58.0962, 0.2538, 0.2517)
contains.

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Color

Yxy(57.2970, 0.2606, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	B0C7FF
RGB	176, 199, 255
RGB Percent	69%, 78%, 100%
CMY	0.3095, 0.2197, 0.0000
CMYK	0.31, 0.22, 0.00, 0.00
HSL	223°, 100%, 85%
HSV	223°, 31%, 100%
XYZ	56.3882, 57.2970, 102.6932
YIQ	198.5070, -31.6840, 12.5400

Conversions

Conversions Part 2

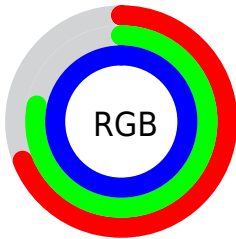
Format	Color
R_{YB}	176, 194, 255
Decimal	11585535
CIE _{Lab}	80.35, 4.85, -30.02
CIE _{LCh}	80, 30.410, 279.171
Yxy	57.2970, 0.2606, 0.2648
Android (android.graphics.Color)	4289775615 (0xFFB0C7FF)
YUV	198.5070, 27.8510, -19.7386
Hunter-Lab	75.6948, 0.5063, -27.4509

Details

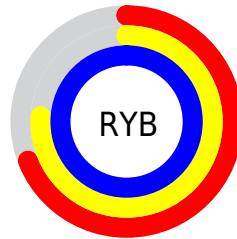
The Yxy color **57.2970, 0.2606, 0.2648** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1536, 0.3661, 0.3857**, and the grayscale version is **56.6458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **28.3930, 0.2474, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **46.7623, 0.2421, 0.2396**, and if you desaturate by 10%, it is **69.3846, 0.2786, 0.2879**.

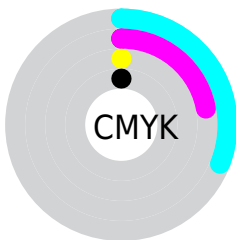
Distribution



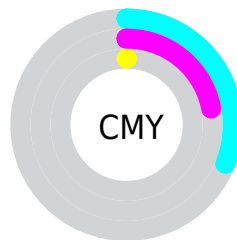
- Red (69%)
- Green (78%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2970, 0.2606, 0.2648 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 57.2970, 0.2606, 0.2648 by changing the saturation by 10% instead.

■ 57.2970, 0.2606,
0.2648

■ 57.2970, 0.2606,
0.2648

■ 414.5613, 0.2854,
0.2949

■ 41.2437, 0.2548,
0.2579

■ 100.8984, 0.2693,
0.2753

■ 28.5096, 0.2477,
0.2494

■ 129.2154, 0.2726,
0.2793

■ 18.7101, 0.2385,
0.2386

■ 162.3890, 0.2755,
0.2828

■ 11.4610, 0.2266,
0.2247

■ 200.8037, 0.2780,
0.2859

■ 6.3778, 0.2103,
0.2059

■ 244.8439, 0.2802,
0.2885

■ 3.0762, 0.1872,
0.1797

■ 294.8940, 0.2821,

■ 1.1716, 0.1525,

0.2909

0.1415

351.3383, 0.2838,
0.2930

0.0383, 0.0538,
0.0133

0.0000, 0.0000,
0.0000

57.2970, 0.2606,
0.2648

57.2970, 0.2606,
0.2648

46.7623, 0.2421,
0.2396

69.3846, 0.2786,
0.2879

37.7079, 0.2235,
0.2129

83.0802, 0.2955,
0.3088

30.0651, 0.2057,
0.1855

98.4441, 0.3113,
0.3274

23.7564, 0.1896,
0.1585

99.9999, 0.3127,
0.3290

■ 18.6961, 0.1761,
0.1332

■ 14.7862, 0.1659,
0.1110

■ 12.1243, 0.1596,
0.0944

Harmonies

Analogous

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



57.2970, 0.2421, 0.2757



57.2970, 0.2606, 0.2648



57.2970, 0.2934, 0.2695

Triad

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



57.2970, 0.2606, 0.2648



57.2970, 0.3902, 0.3478



57.2970, 0.2891, 0.3762

Complementary

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



57.2970, 0.2606, 0.2648



82.1536, 0.3661, 0.3857

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.



57.2970, 0.3282, 0.3980



57.2970, 0.2606, 0.2648



57.2970, 0.3879, 0.3778

Square

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



57.2970, 0.2606, 0.2648



57.2970, 0.3699, 0.3156



57.2970, 0.3646, 0.3974



57.2970, 0.2576, 0.3395

Rectangle

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



57.2970, 0.2606, 0.2648



57.2970, 0.3200, 0.2804



57.2970, 0.3646, 0.3974



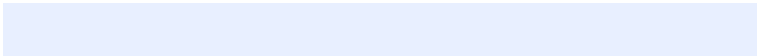
57.2970, 0.3017, 0.3857

Sweetspot

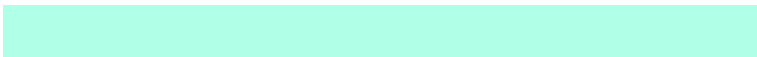
The Sweet Spot groups the original color and five complimentary colors.



57.2992, 0.2606, 0.2648



85.9502, 0.2987, 0.3126



86.5447, 0.2797, 0.3552



17.9383, 0.2963, 0.3098



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.



57.2992, 0.2606, 0.2648



50.7481, 0.2494, 0.2498



49.4840, 0.2684, 0.2402



18.2370, 0.2979, 0.3116



6.5564, 0.1603, 0.0971



0.8168, 0.1664, 0.1189

Inverse Universe

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



56.4595, 0.3628, 0.3053



50.2605, 0.3767, 0.3005



93.0442, 0.3489, 0.4095



18.0738, 0.3248, 0.3221



11.3898, 0.5802, 0.2970



1.1270, 0.5482, 0.2794

Previews

White Background



This preview shows how the Yxy color 57.2970, 0.2606, 0.2648 looks on a white background.

Color Contrast Check

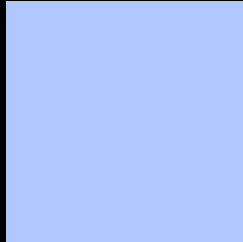
Large Text (above 18pt) WCAG AA × Fail

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 57.2970, 0.2606, 0.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

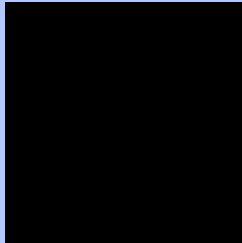
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

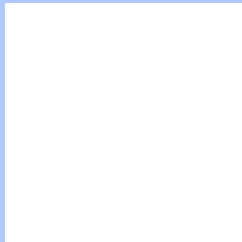
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2970, 0.2606, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 57.2970, 0.2606, 0.2648.



This preview shows how white text looks on a background with the Yxy color 57.2970, 0.2606, 0.2648.

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

57.2970, 0.2606, 0.2648

Protanopia

57.3386, 0.2671, 0.2655

Deuteranopia

56.9416, 0.2677, 0.2615



Tritanopia

57.3181, 0.2765, 0.3093

Trichromacy



Original Color

57.2970, 0.2606, 0.2648

Protanomaly

57.4890, 0.2648, 0.2653

Deuteranomaly

56.8902, 0.2652, 0.2622

Tritanomaly

57.3657, 0.2711, 0.2930

Monochromacy



Original Color

57.2970, 0.2606, 0.2648

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 57.2970, 0.2606, 0.2648 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(176, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 199, 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(176, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.2970, 0.2606, 0.2648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

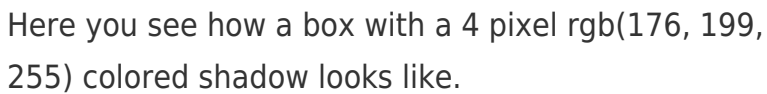
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 199, 255) }
```

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

```
.border{ border-color:rgb(176, 199, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 199, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 199, 255); box-shadow:4px 4px 4px 4px rgb(176, 199, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2970, 0.2606, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 199, 255) }
```

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

```
.background{ background-color: rgb(176,  
199, 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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