

Converting Colors

$Yxy(58.1379, 0.2588, 0.2542)$

Have a look what the booklet for
Yxy(58.1379, 0.2588, 0.2542)
contains.

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Color

Yxy(57.5533, 0.2642, 0.2643)

Conversions

Conversions Part 1

Format	Color
Hex	B6C6FF
RGB	182, 198, 255
RGB Percent	71%, 78%, 100%
CMY	0.2863, 0.2235, 0.0001
CMYK	0.29, 0.22, 0.00, 0.00
HSL	227°, 100%, 86%
HSV	227°, 29%, 100%
XYZ	57.5315, 57.5533, 102.6726
YIQ	199.7140, -27.8330, 14.3350

Conversions

Conversions Part 2

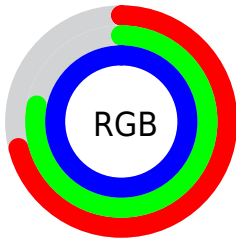
Format	Color
RYB	182, 195, 255
Decimal	11978495
CIELab	80.49, 7.05, -29.76
CIElCh	80, 30.585, 283.325
Yxy	57.5533, 0.2642, 0.2643
Android (android.graphics.Color)	4290168575 (0xFFB6C6FF)
YUV	199.7140, 27.2560, -15.5352
Hunter-Lab	75.8639, 2.6040, -27.1372

Details

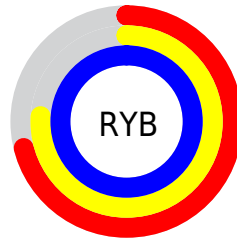
The Yxy color **57.5533, 0.2642, 0.2643** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.3493, 0.3602, 0.3863**, and the grayscale version is **57.4162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **28.5358, 0.2518, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **46.2193, 0.2451, 0.2370**, and if you desaturate by 10%, it is **70.6527, 0.2824, 0.2893**.

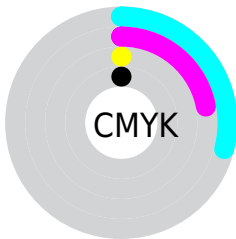
Distribution



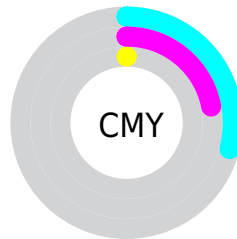
- Red (71%)
- Green (78%)
- Blue (100%)



- Red (71%)
- Yellow (76%)
- Blue (100%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5533, 0.2642, 0.2643 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 57.5533, 0.2642, 0.2643 by changing the saturation by 10% instead.

 57.5533, 0.2642,
0.2643

 57.5533, 0.2642,
0.2643


415.5194, 0.2873,
0.2945

 41.4496, 0.2588,
0.2574


 101.2721, 0.2723,
0.2748

 28.6706, 0.2521,
0.2489

129.6560, 0.2755,
0.2789

 18.8318, 0.2435,
0.2382


162.9021, 0.2781,
0.2824

 11.5488, 0.2322,
0.2243

201.3948, 0.2805,
0.2854

 6.4372, 0.2169,
0.2057

245.5184, 0.2825,
0.2881

 3.1127, 0.1948,
0.1797

295.6575, 0.2843,

 1.1909, 0.1615,

0.2905

0.1420

352.1964, 0.2859,
0.2926

0.0542, 0.0756,
0.0183

0.0000, 0.0000,
0.0000

57.5533, 0.2642,
0.2643

57.5533, 0.2642,
0.2643

46.2193, 0.2451,
0.2370

70.6527, 0.2824,
0.2893

36.5669, 0.2256,
0.2080

85.5827, 0.2993,
0.3117

28.5155, 0.2067,
0.1783

99.9992, 0.3127,
0.3290

21.9749, 0.1894,
0.1493

■ 16.8452, 0.1747,
0.1226

■ 13.0133, 0.1636,
0.0999

■ 10.3376, 0.1564,
0.0823

■ 10.0431, 0.1557,
0.0803

Harmonies

Analogous

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



57.5533, 0.2434, 0.2730



57.5533, 0.2642, 0.2643



57.5533, 0.2987, 0.2711

Triad

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



57.5533, 0.2642, 0.2643



57.5533, 0.3916, 0.3524



57.5533, 0.2839, 0.3719

Complementary

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



57.5533, 0.2642, 0.2643



86.3493, 0.3602, 0.3863

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.



57.5533, 0.3227, 0.3966



57.5533, 0.2642, 0.2643



57.5533, 0.3861, 0.3816

Square

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



57.5533, 0.2642, 0.2643



57.5533, 0.3741, 0.3199



57.5533, 0.3604, 0.3991



57.5533, 0.2541, 0.3340

Rectangle

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



57.5533, 0.2642, 0.2643



57.5533, 0.3257, 0.2831



57.5533, 0.3604, 0.3991



57.5533, 0.2963, 0.3823

Sweetspot

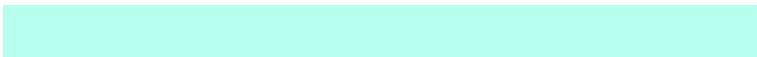
The Sweet Spot groups the original color and five complimentary colors.



57.5556, 0.2642, 0.2643



85.0025, 0.2987, 0.3109



87.6262, 0.2795, 0.3475



17.7063, 0.2963, 0.3078



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.



57.5556, 0.2642, 0.2643



51.2568, 0.2540, 0.2499



53.1522, 0.2758, 0.2485



18.0239, 0.2979, 0.3099



5.4263, 0.1563, 0.0827



0.6811, 0.1618, 0.1025

Inverse Universe

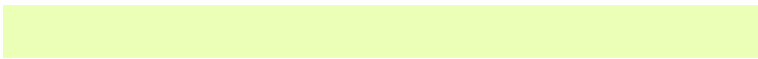
The Inverse Universe completely reimagines the original color for something new.



58.7874, 0.3623, 0.3125



52.9780, 0.3753, 0.3092



92.6400, 0.3430, 0.4041



18.0523, 0.3260, 0.3238



11.2757, 0.6027, 0.3094



1.1133, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 57.5533, 0.2642, 0.2643 looks on a white background.

Color Contrast Check

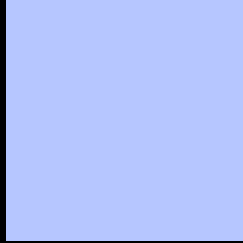
Large Text (above 18pt) WCAG AA × Fail

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 57.5533, 0.2642, 0.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

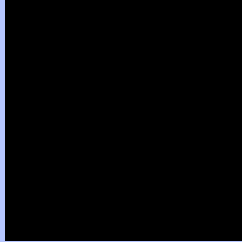
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5533, 0.2642, 0.2643

Background



This preview shows how black text looks on a background with the Yxy color 57.5533, 0.2642, 0.2643.



This preview shows how white text looks on a background with the Yxy color 57.5533, 0.2642, 0.2643.

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

57.5533, 0.2642, 0.2643

Protanopia

57.4025, 0.2666, 0.2645

Deuteranopia

57.5187, 0.2685, 0.2628



Tritanopia

57.5201, 0.2804, 0.3083

Trichromacy



Original Color

57.5533, 0.2642, 0.2643

Protanomaly

57.2786, 0.2659, 0.2643

Deuteranomaly

57.5916, 0.2667, 0.2636

Tritanomaly

57.5892, 0.2749, 0.2921

Monochromacy



Original Color

57.5533, 0.2642, 0.2643

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3516, 0.2935, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5533, 0.2642, 0.2643 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(182, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.5533, 0.2642, 0.2643 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(182, 198, 255) }
```

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

```
.border{ border-color:rgb(182, 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(182, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5533, 0.2642, 0.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 255) }
```

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

```
.background{ background-color: rgb(182,  
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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