

Converting Colors

Yxy(56.8378, 0.2683, 0.2610)

Have a look what the booklet for
Yxy(56.8378, 0.2683, 0.2610)
contains.

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Color

Yxy(57.0690, 0.2684, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	BDC3FF
RGB	189, 195, 255
RGB Percent	74%, 76%, 100%
CMY	0.2588, 0.2353, 0.0000
CMYK	0.26, 0.24, 0.00, 0.00
HSL	235°, 100%, 87%
HSV	235°, 26%, 100%
XYZ	58.5524, 57.0690, 102.5322
YIQ	200.0460, -22.8360, 17.3880

Conversions

Conversions Part 2

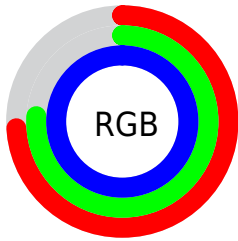
Format	Color
RYB	189, 195, 255
Decimal	12436479
CIELab	80.22, 10.71, -30.14
CIELCh	80, 31.985, 289.556
Yxy	57.0690, 0.2684, 0.2616
Android (android.graphics.Color)	4290626559 (0xFFBDC3FF)
YUV	200.0460, 27.0923, -9.6873
Hunter-Lab	75.5440, 6.1492, -27.5906

Details

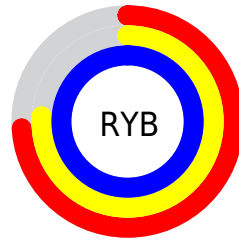
The Yxy color **57.0690, 0.2684, 0.2616** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.6892, 0.3533, 0.3885**, and the grayscale version is **57.6315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8072, 0.3073, 0.3251**, and **28.1953, 0.2568, 0.2451** is the 20% darker color. If you saturate the color by 10%, you get **44.4959, 0.2484, 0.2304**, and if you desaturate by 10%, it is **71.8330, 0.2869, 0.2901**.

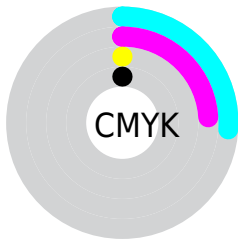
Distribution



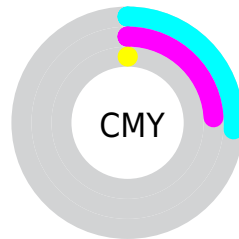
- Red (74%)
- Green (76%)
- Blue (100%)



- Red (74%)
- Yellow (76%)
- Blue (100%)



- Cyan (26%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0690, 0.2684, 0.2616 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 57.0690, 0.2684, 0.2616 by changing the saturation by 10% instead.

■ 57.0690, 0.2684,
0.2616

■ 57.0690, 0.2684,
0.2616

■ 413.7078, 0.2897,
0.2929

■ 41.0606, 0.2634,
0.2545

■ 100.5659, 0.2759,
0.2724

■ 28.3665, 0.2571,
0.2457

■ 128.8232, 0.2788,
0.2767

■ 18.6021, 0.2492,
0.2347

■ 161.9322, 0.2813,
0.2803

■ 11.3831, 0.2386,
0.2205

■ 200.2774, 0.2834,
0.2835

■ 6.3251, 0.2241,
0.2015

■ 244.2432, 0.2853,
0.2863

■ 3.0438, 0.2032,
0.1752

■ 294.2139, 0.2869,

■ 1.1546, 0.1711,

0.2887

0.1372

350.5740, 0.2884,
0.2909

0.0242, 0.0955,
0.0081

0.0000, 0.0000,
0.0000

57.0690, 0.2684,
0.2616

57.0690, 0.2684,
0.2616

44.4959, 0.2484,
0.2304

71.8330, 0.2869,
0.2901

34.0027, 0.2276,
0.1973

88.8782, 0.3037,
0.3155

25.4789, 0.2070,
0.1639

99.9997, 0.3127,
0.3290

18.8009, 0.1879,
0.1320

■ 13.8312, 0.1719,
0.1042

■ 10.4129, 0.1600,
0.0825

■ 8.3591, 0.1530,
0.0683

■ 7.8382, 0.1513,
0.0646

Harmonies

Analogous

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



57.0690, 0.2434, 0.2671



57.0690, 0.2684, 0.2616



57.0690, 0.3066, 0.2719

Triad

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



57.0690, 0.2684, 0.2616



57.0690, 0.3963, 0.3601



57.0690, 0.2749, 0.3665

Complementary

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



57.0690, 0.2684, 0.2616



92.6892, 0.3533, 0.3885

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.



57.0690, 0.3143, 0.3965



57.0690, 0.2684, 0.2616



57.0690, 0.3855, 0.3890

Square

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



57.0690, 0.2684, 0.2616



57.0690, 0.3828, 0.3263



57.0690, 0.3550, 0.4040



57.0690, 0.2468, 0.3256

Rectangle

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



57.0690, 0.2684, 0.2616



57.0690, 0.3352, 0.2861



57.0690, 0.3550, 0.4040



57.0690, 0.2872, 0.3785

Sweetspot

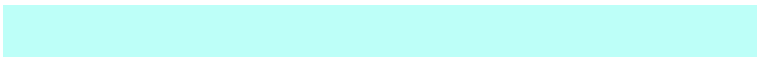
The Sweet Spot groups the original color and five complimentary colors.



57.0713, 0.2684, 0.2616



85.0654, 0.3003, 0.3104



89.1395, 0.2780, 0.3359



17.6427, 0.2979, 0.3067



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.



57.0713, 0.2684, 0.2616



50.3628, 0.2583, 0.2459



58.1292, 0.2863, 0.2584



17.6427, 0.2979, 0.3067



4.1847, 0.1516, 0.0658



0.4929, 0.1550, 0.0779

Inverse Universe

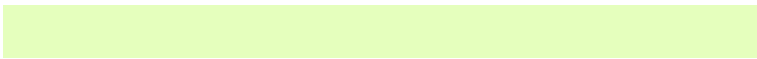
The Inverse Universe completely reimagines the original color for something new.



61.6002, 0.3632, 0.3229



55.7152, 0.3771, 0.3217



91.7844, 0.3343, 0.3978



18.0138, 0.3280, 0.3269



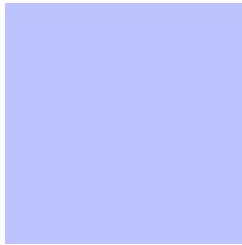
11.1504, 0.6302, 0.3245



1.0943, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 57.0690, 0.2684, 0.2616 looks on a white background.

Color Contrast Check

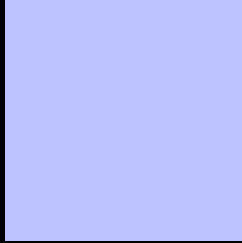
Large Text (above 18pt) WCAG AA × Fail

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 57.0690, 0.2684, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

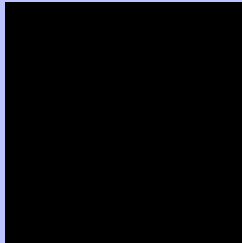
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0690, 0.2684, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 57.0690, 0.2684, 0.2616.



This preview shows how white text looks on a background with the Yxy color 57.0690, 0.2684, 0.2616.

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

57.0690, 0.2684, 0.2616

Protanopia

57.3429, 0.2654, 0.2633

Deuteranopia

56.9416, 0.2677, 0.2615



Tritanopia

57.2481, 0.2870, 0.3096

Trichromacy



Original Color

57.0690, 0.2684, 0.2616

Protanomaly

57.1390, 0.2665, 0.2624

Deuteranomaly

56.9416, 0.2677, 0.2615

Tritanomaly

56.9307, 0.2806, 0.2912

Monochromacy



Original Color

57.0690, 0.2684, 0.2616

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2912, 0.2957, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0690, 0.2684, 0.2616 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(189, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 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(189, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.0690, 0.2684, 0.2616 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(189, 195, 255) }
```

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

```
.border{ border-color:rgb(189, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0690, 0.2684, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 255) }
```

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

```
.background{ background-color: rgb(189,  
195, 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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