

Converting Colors

$Yxy(58.3485, 0.2478, 0.2862)$

Have a look what the booklet for
Yxy(58.3485, 0.2478, 0.2862)
contains.

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Color

Yxy(58.3485, 0.2478, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	8DD2F5
RGB	141, 210, 245
RGB Percent	55%, 82%, 96%
CMY	0.4469, 0.1765, 0.0391
CMYK	0.42, 0.14, 0.00, 0.04
HSL	200°, 84%, 76%
HSV	200°, 42%, 96%
XYZ	50.5198, 58.3485, 95.0049
YIQ	193.3590, -52.3590, -3.7430

Conversions

Conversions Part 2

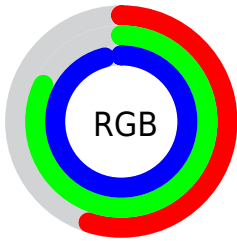
Format	Color
RYB	141, 182, 245
Decimal	9294581
CIELab	80.93, -12.79, -23.99
CIElCh	81, 27.186, 241.936
Yxy	58.3485, 0.2478, 0.2862
Android (android.graphics.Color)	4287484661 (0xFF8DD2F5)
YUV	193.3590, 25.4590, -45.9188
Hunter-Lab	76.3862, -15.6207, -20.2713

Details

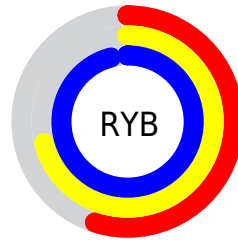
The Yxy color **58.3485, 0.2478, 0.2862** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **52.4191, 0.4065, 0.3673**, and the grayscale version is **53.4274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **29.3359, 0.2321, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **52.4632, 0.2341, 0.2740**, and if you desaturate by 10%, it is **64.9236, 0.2625, 0.2977**.

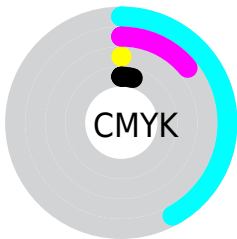
Distribution



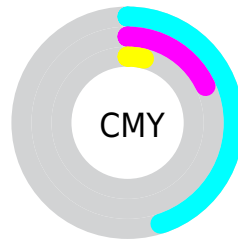
- Red (55%)
- Green (82%)
- Blue (96%)



- Red (55%)
- Yellow (71%)
- Blue (96%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3485, 0.2478, 0.2862 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 58.3485, 0.2478, 0.2862 by changing the saturation by 10% instead.


 58.3485, 0.2478,
0.2862


 58.3485, 0.2478,
0.2862


418.4833, 0.2782,
0.3071

 42.0889, 0.2408,
0.2812


 102.4302, 0.2584,
0.2936

 29.1709, 0.2322,
0.2749


 131.0210, 0.2625,
0.2965

 19.2101, 0.2213,
0.2668


164.4911, 0.2660,
0.2989

 11.8222, 0.2072,
0.2559


203.2248, 0.2691,
0.3010

 6.6227, 0.1881,
0.2407

247.6064, 0.2718,
0.3028

 3.2273, 0.1614,
0.2183

298.0205, 0.2742,

 1.2515, 0.1225,

0.3044

0.1829

354.8513, 0.2763,
0.3058

0.1032, 0.0000,
0.0480

0.0000, 0.0000,
0.0000

58.3485, 0.2478,
0.2862

58.3485, 0.2478,
0.2862

52.4632, 0.2341,
0.2740

64.9236, 0.2625,
0.2977

47.2263, 0.2218,
0.2613

72.2137, 0.2778,
0.3083

42.6012, 0.2112,
0.2483

80.2505, 0.2934,
0.3181

38.5436, 0.2026,
0.2353

89.0616, 0.3090,
0.3270

■ 35.0008, 0.1962,
0.2223

■ 97.0149, 0.3187,
0.3350

■ 32.6049, 0.1924,
0.2128

■ 99.3741, 0.3185,
0.3386

Harmonies

Analogous

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



58.3485, 0.2508, 0.3129



58.3485, 0.2478, 0.2862



58.3485, 0.2609, 0.2727

Triad

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



58.3485, 0.2478, 0.2862



58.3485, 0.3567, 0.3106



58.3485, 0.3352, 0.3917

Complementary

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



58.3485, 0.2478, 0.2862



52.4191, 0.4065, 0.3673

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.



58.3485, 0.3655, 0.3870



58.3485, 0.2478, 0.2862



58.3485, 0.3788, 0.3392

Square

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



58.3485, 0.2478, 0.2862



58.3485, 0.3227, 0.2872



58.3485, 0.3819, 0.3670



58.3485, 0.3000, 0.3769

Rectangle

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



58.3485, 0.2478, 0.2862



58.3485, 0.2775, 0.2716



58.3485, 0.3819, 0.3670



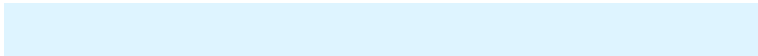
58.3485, 0.3463, 0.3922

Sweetspot

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



58.3507, 0.2478, 0.2862



87.3266, 0.2925, 0.3176



74.1088, 0.2890, 0.4162



18.2618, 0.2890, 0.3155



0.0000, 0.0000, 0.0000



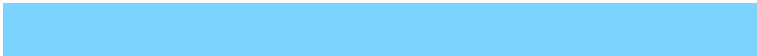
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3507, 0.2478, 0.2862



58.2588, 0.2359, 0.2757



36.8404, 0.2367, 0.2193



17.7625, 0.2980, 0.3208



17.8270, 0.1930, 0.2148



1.7561, 0.1975, 0.2308

Inverse Universe

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



43.1311, 0.3498, 0.2565



40.6272, 0.3605, 0.2427



76.6598, 0.3830, 0.4187



16.6678, 0.3190, 0.3134



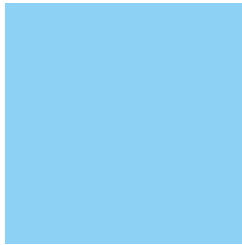
11.8990, 0.4288, 0.2136



1.0649, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 58.3485, 0.2478, 0.2862 looks on a white background.

Color Contrast Check

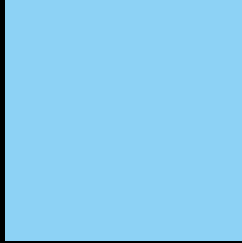
Large Text (above 18pt) WCAG AA × Fail

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 58.3485, 0.2478, 0.2862 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 58.3485, 0.2478, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 58.3485, 0.2478, 0.2862.



This preview shows how white text looks on a background with the Yxy color 58.3485, 0.2478, 0.2862.

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

58.3485, 0.2478, 0.2862

Protanopia

57.7091, 0.2816, 0.2840

Deuteranopia

57.8593, 0.2767, 0.2705



Tritanopia

58.6200, 0.2538, 0.3075

Trichromacy



Original Color

58.3485, 0.2478, 0.2862

Protanomaly

57.4166, 0.2675, 0.2840

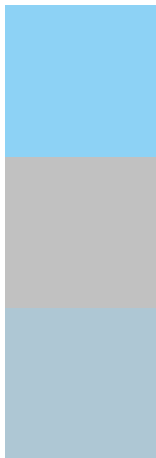
Deuteranomaly

57.6026, 0.2647, 0.2754

Tritanomaly

58.4884, 0.2516, 0.3002

Monochromacy



Original Color

58.3485, 0.2478, 0.2862

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.5990, 0.2851, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3485, 0.2478, 0.2862 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(141, 210, 245)` looks like.

```
.text, #text, p{  
    color:rgb(141, 210, 245)  
}
```

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(141, 210, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 210, 245) }
```

Border

The CSS property to change the border of an element to Yxy 58.3485, 0.2478, 0.2862 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(141, 210, 245) }
```

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

```
.border{ border-color:rgb(141, 210, 245) }
```

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

Here you see how a box with a 4 pixel rgb(141, 210, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 210, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 210, 245);  
box-shadow:4px 4px 4px 4px rgb(141, 210,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3485, 0.2478, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 210, 245) }
```

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

```
.background{ background-color: rgb(141,  
210, 245) }
```

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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