

Converting Colors

Yxy(56.8664, 0.2441, 0.2726)

Have a look what the booklet for
Yxy(56.8664, 0.2441, 0.2726)
contains.

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Color

Yxy(57.0741, 0.2441, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	8FCEFD
RGB	143, 206, 253
RGB Percent	56%, 81%, 99%
CMY	0.4393, 0.1921, 0.0079
CMYK	0.43, 0.19, 0.00, 0.01
HSL	206°, 96%, 78%
HSV	206°, 43%, 99%
XYZ	51.1258, 57.0741, 101.2463
YIQ	192.5210, -52.6350, 1.2610

Conversions

Conversions Part 2

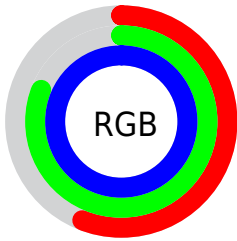
Format	Color
RYB	143, 183, 253
Decimal	9424637
CIELab	80.22, -8.11, -29.31
CIELCh	80, 30.414, 254.530
Yxy	57.0741, 0.2441, 0.2725
Android (android.graphics.Color)	4287614717 (0xFF8FCEFD)
YUV	192.5210, 29.8161, -43.4299
Hunter-Lab	75.5474, -11.4102, -26.5755

Details

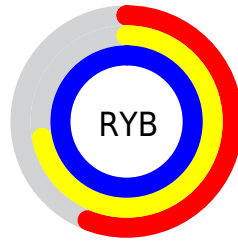
The Yxy color **57.0741, 0.2441, 0.2725** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.6818, 0.4051, 0.3785**, and the grayscale version is **52.8776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **28.4204, 0.2279, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **50.0416, 0.2293, 0.2566**, and if you desaturate by 10%, it is **64.9778, 0.2597, 0.2874**.

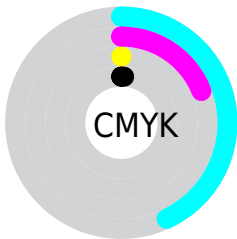
Distribution



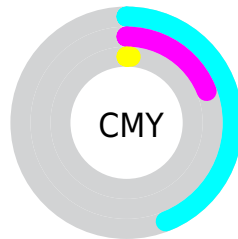
- Red (56%)
- Green (81%)
- Blue (99%)



- Red (56%)
- Yellow (72%)
- Blue (99%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)





- Cyan (44%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0741, 0.2441, 0.2725 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 57.0741, 0.2441, 0.2725 by changing the saturation by 10% instead.

 57.0741, 0.2441,
0.2725


 57.0741, 0.2441,
0.2725


413.7269, 0.2763,
0.2997

 41.0647, 0.2367,
0.2661


 100.5733, 0.2553,
0.2821

 28.3697, 0.2276,
0.2581


 128.8319, 0.2596,
0.2858

 18.6045, 0.2162,
0.2480


161.9424, 0.2634,
0.2889

 11.3849, 0.2013,
0.2345

200.2892, 0.2666,
0.2917

 6.3263, 0.1814,
0.2162

244.2566, 0.2695,
0.2940

 3.0445, 0.1538,
0.1900

294.2291, 0.2720,

 1.1550, 0.1145,

0.2961

0.1507

350.5911, 0.2743,
0.2980

0.0245, 0.0000,
0.0095

0.0000, 0.0000,
0.0000

57.0741, 0.2441,
0.2725

57.0741, 0.2441,
0.2725

50.0416, 0.2293,
0.2566

64.9778, 0.2597,
0.2874

43.8320, 0.2159,
0.2401

73.7845, 0.2757,
0.3013

38.4011, 0.2041,
0.2233

83.5320, 0.2916,
0.3139

33.6961, 0.1945,
0.2065

94.2538, 0.3074,
0.3253

■ 29.6543, 0.1871,
0.1902

99.8716, 0.3139,
0.3309

■ 27.3214, 0.1833,
0.1799

Harmonies

Analogous

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



57.0741, 0.2398, 0.2964



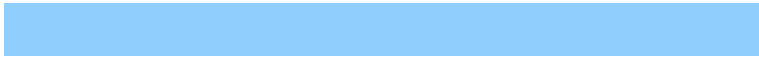
57.0741, 0.2441, 0.2725



57.0741, 0.2655, 0.2645

Triad

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



57.0741, 0.2441, 0.2725



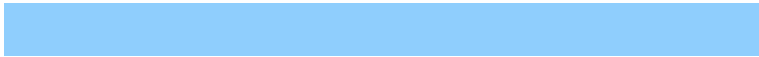
57.0741, 0.3751, 0.3212



57.0741, 0.3211, 0.3958

Complementary

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



57.0741, 0.2441, 0.2725



59.6818, 0.4051, 0.3785

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.



57.0741, 0.3589, 0.3992



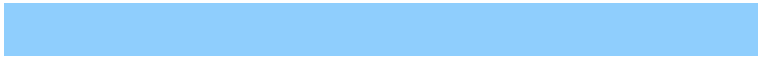
57.0741, 0.2441, 0.2725



57.0741, 0.3916, 0.3536

Square

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



57.0741, 0.2441, 0.2725



57.0741, 0.3408, 0.2921



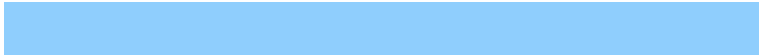
57.0741, 0.3852, 0.3824



57.0741, 0.2826, 0.3704

Rectangle

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



57.0741, 0.2441, 0.2725



57.0741, 0.2876, 0.2678



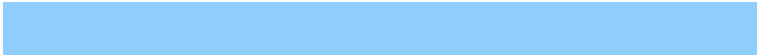
57.0741, 0.3852, 0.3824



57.0741, 0.3343, 0.3995

Sweetspot

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



57.0763, 0.2441, 0.2725



85.5420, 0.2924, 0.3145



79.7534, 0.2839, 0.4072



17.8202, 0.2889, 0.3118



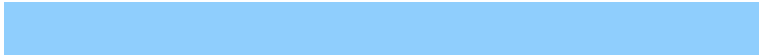
0.0000, 0.0000, 0.0000



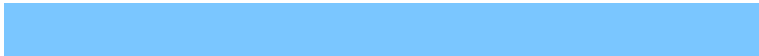
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0763, 0.2441, 0.2725



51.9402, 0.2314, 0.2590



35.4371, 0.2325, 0.2044



19.1056, 0.2979, 0.3186



14.8296, 0.1840, 0.1824



1.6608, 0.1891, 0.2006

Inverse Universe

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



44.9798, 0.3610, 0.2641



39.3714, 0.3749, 0.2524



87.4633, 0.3812, 0.4288



18.1615, 0.3204, 0.3155



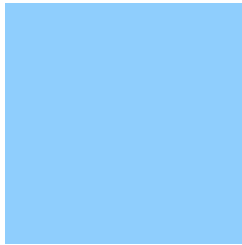
12.2250, 0.4657, 0.2339



1.2122, 0.4446, 0.2223

Previews

White Background



This preview shows how the Yxy color 57.0741, 0.2441, 0.2725 looks on a white background.

Color Contrast Check

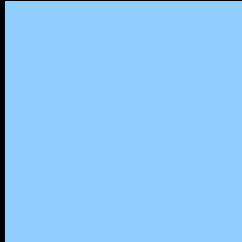
Large Text (above 18pt) WCAG AA × Fail

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 57.0741, 0.2441, 0.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

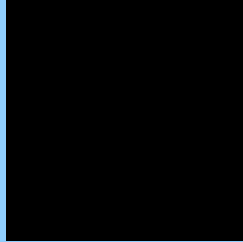
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

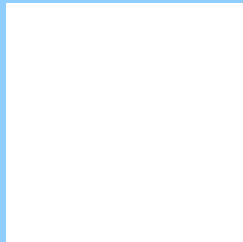
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0741, 0.2441, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 57.0741, 0.2441, 0.2725.



This preview shows how white text looks on a background with the Yxy color 57.0741, 0.2441, 0.2725.

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

57.0741, 0.2441, 0.2725

Protanopia

56.5728, 0.2718, 0.2716

Deuteranopia

56.8150, 0.2671, 0.2614



Tritanopia

56.8735, 0.2543, 0.3072

Trichromacy



Original Color

57.0741, 0.2441, 0.2725

Protanomaly

56.6942, 0.2603, 0.2716

Deuteranomaly

56.6605, 0.2580, 0.2653

Tritanomaly

57.1460, 0.2510, 0.2952

Monochromacy



Original Color

57.0741, 0.2441, 0.2725

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.4084, 0.2838, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0741, 0.2441, 0.2725 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(143, 206, 253)` looks like.

```
.text, #text, p{  
    color:rgb(143, 206, 253)  
}
```

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(143, 206, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 206, 253) }
```

Border

The CSS property to change the border of an element to Yxy 57.0741, 0.2441, 0.2725 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(143, 206, 253) }
```

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

```
.border{ border-color:rgb(143, 206, 253) }
```

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

Here you see how a box with a 4 pixel rgb(143, 206, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 206, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 206, 253);  
box-shadow:4px 4px 4px 4px rgb(143, 206,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0741, 0.2441, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 206, 253) }
```

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

```
.background{ background-color: rgb(143,  
206, 253) }
```

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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