

Converting Colors

$Yxy(59.5629, 0.2385, 0.2783)$

Have a look what the booklet for
Yxy(59.5629, 0.2385, 0.2783)
contains.

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Color

Yxy(59.5543, 0.2385, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	82D5FF
RGB	130, 213, 255
RGB Percent	51%, 84%, 100%
CMY	0.4906, 0.1646, 0.0000
CMYK	0.49, 0.16, 0.00, 0.00
HSL	200°, 100%, 75%
HSV	200°, 49%, 100%
XYZ	51.0374, 59.5543, 103.4015
YIQ	192.9710, -62.9500, -4.5340

Conversions

Conversions Part 2

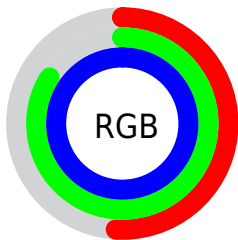
Format	Color
RYB	130, 180, 255
Decimal	8574463
CIELab	81.60, -14.27, -28.32
CIELCh	82, 31.710, 243.256
Yxy	59.5543, 0.2385, 0.2783
Android (android.graphics.Color)	4286764543 (0xFF82D5FF)
YUV	192.9710, 30.5803, -55.2256
Hunter-Lab	77.1714, -16.9989, -25.4223

Details

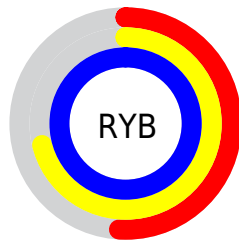
The Yxy color **59.5543, 0.2385, 0.2783** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **52.3249, 0.4275, 0.3729**, and the grayscale version is **53.1444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **29.7961, 0.2210, 0.2648** is the 20% darker color. If you saturate the color by 10%, you get **53.5939, 0.2257, 0.2658**, and if you desaturate by 10%, it is **66.2457, 0.2526, 0.2902**.

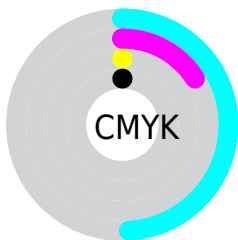
Distribution



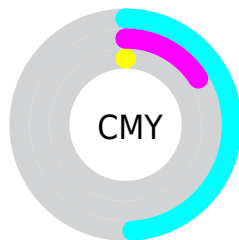
- Red (51%)
- Green (84%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- Blue (100%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (49%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5543, 0.2385, 0.2783 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 59.5543, 0.2385, 0.2783 by changing the saturation by 10% instead.


 59.5543, 0.2385,
0.2783

 59.5543, 0.2385,
0.2783


422.9530, 0.2729,
0.3029

 43.0595, 0.2307,
0.2725


 104.1829, 0.2504,
0.2870

 29.9318, 0.2212,
0.2652

 133.0854, 0.2550,
0.2903

 19.7868, 0.2092,
0.2558

 166.8926, 0.2590,
0.2932

 12.2402, 0.1938,
0.2435

205.9889, 0.2625,
0.2957

 6.9075, 0.1734,
0.2265

250.7587, 0.2656,
0.2978

 3.4043, 0.1456,
0.2020

301.5864, 0.2683,

 1.3463, 0.1068,

0.2997

0.1648

358.8564, 0.2707,
0.3014

0.1766, 0.0000,
0.0604

0.0000, 0.0000,
0.0000

59.5543, 0.2385,
0.2783

59.5543, 0.2385,
0.2783

53.5939, 0.2257,
0.2658

66.2457, 0.2526,
0.2902

48.3166, 0.2145,
0.2529

73.6984, 0.2676,
0.3014

43.6782, 0.2053,
0.2398

81.9489, 0.2830,
0.3118

39.6242, 0.1981,
0.2269

91.0288, 0.2987,
0.3212

■ 36.0753, 0.1930,
0.2142

99.9992, 0.3127,
0.3290

■ 35.7563, 0.1925,
0.2130

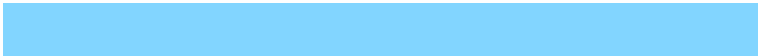
Harmonies

Analogous

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



59.5543, 0.2410, 0.3082



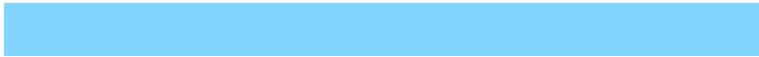
59.5543, 0.2385, 0.2783



59.5543, 0.2541, 0.2639

Triad

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



59.5543, 0.2385, 0.2783



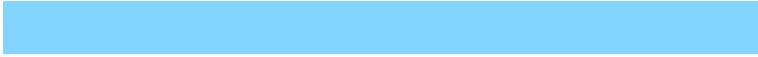
59.5543, 0.3652, 0.3090



59.5543, 0.3365, 0.4019

Complementary

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



59.5543, 0.2385, 0.2783



52.3249, 0.4275, 0.3729

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.



59.5543, 0.3722, 0.3967



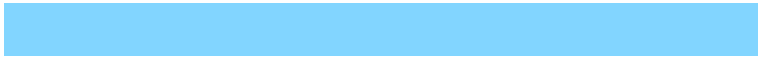
59.5543, 0.2385, 0.2783



59.5543, 0.3901, 0.3417

Square

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



59.5543, 0.2385, 0.2783



59.5543, 0.3259, 0.2820



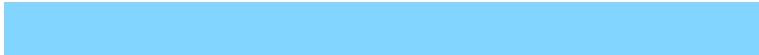
59.5543, 0.3924, 0.3736



59.5543, 0.2959, 0.3838

Rectangle

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



59.5543, 0.2385, 0.2783



59.5543, 0.2734, 0.2634



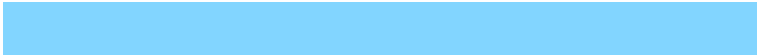
59.5543, 0.3924, 0.3736



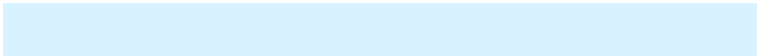
59.5543, 0.3495, 0.4026

Sweetspot

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



59.5565, 0.2385, 0.2783



85.5366, 0.2894, 0.3157



79.2141, 0.2862, 0.4330



17.9063, 0.2861, 0.3137



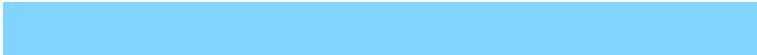
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



59.5565, 0.2385, 0.2783



53.6294, 0.2257, 0.2658



34.0123, 0.2232, 0.1984



19.3944, 0.2980, 0.3208



18.9721, 0.1931, 0.2151



2.0489, 0.1971, 0.2296

Inverse Universe

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



42.0038, 0.3579, 0.2455



35.6563, 0.3710, 0.2313



81.7930, 0.3944, 0.4317



18.1907, 0.3190, 0.3133



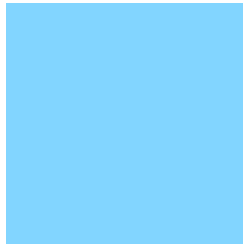
12.6432, 0.4285, 0.2134



1.2514, 0.4131, 0.2049

Previews

White Background



This preview shows how the Yxy color 59.5543, 0.2385, 0.2783 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 59.5543, 0.2385, 0.2783 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

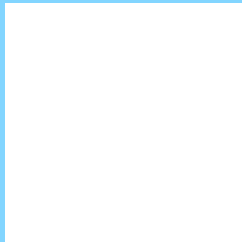
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5543, 0.2385, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 59.5543, 0.2385, 0.2783.



This preview shows how white text looks on a background with the Yxy color 59.5543, 0.2385, 0.2783.

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

59.5543, 0.2385, 0.2783

Protanopia

59.0387, 0.2755, 0.2768

Deuteranopia

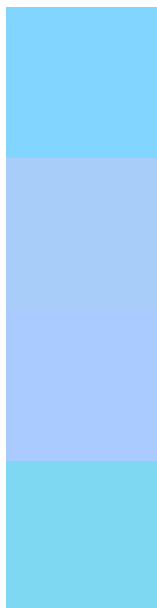
58.8146, 0.2707, 0.2654



Tritanopia

59.7772, 0.2460, 0.3074

Trichromacy



Original Color

59.5543, 0.2385, 0.2783

Protanomaly

58.9372, 0.2604, 0.2776

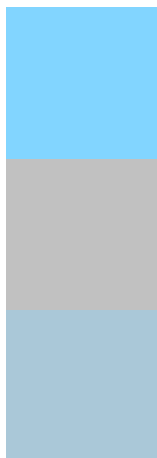
Deuteranomaly

58.3669, 0.2569, 0.2689

Tritanomaly

59.9582, 0.2433, 0.2966

Monochromacy



Original Color

59.5543, 0.2385, 0.2783

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.8125, 0.2798, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5543, 0.2385, 0.2783 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(130, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 213, 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(130, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.5543, 0.2385, 0.2783 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(130, 213, 255) }
```

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

```
.border{ border-color:rgb(130, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5543, 0.2385, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 213, 255) }
```

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

```
.background{ background-color: rgb(130,  
213, 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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