

Converting Colors

$Yxy(58.6931, 0.2276, 0.2526)$

Have a look what the booklet for
Yxy(58.6931, 0.2276, 0.2526)
contains.

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Color

Yxy(57.2565, 0.2358, 0.2730)

Conversions

Conversions Part 1

Format	Color
Hex	7ED1FF
RGB	126, 209, 255
RGB Percent	49%, 82%, 100%
CMY	0.5057, 0.1804, 0.0001
CMYK	0.51, 0.18, 0.00, 0.00
HSL	201°, 100%, 75%
HSV	201°, 51%, 100%
XYZ	49.4545, 57.2565, 103.0198
YIQ	189.4270, -64.2340, -3.2900

Conversions

Conversions Part 2

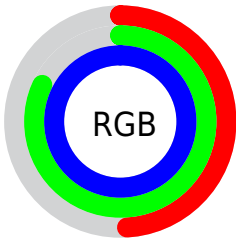
Format	Color
R_{YB}	126, 177, 255
Decimal	8311295
CIE _{Lab}	80.32, -13.03, -30.27
CIE _{LCh}	80, 32.955, 246.703
Y _{xy}	57.2565, 0.2358, 0.2730
Android (android.graphics.Color)	4286501375 (0xFF7ED1FF)
YUV	189.4270, 32.3275, -55.6255
Hunter-Lab	75.6680, -15.7564, -27.7539

Details

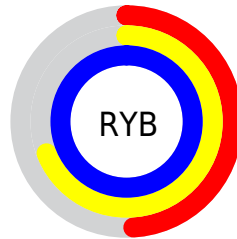
The Yxy color **57.2565, 0.2358, 0.2730** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **52.2700, 0.4307, 0.3768**, and the grayscale version is **50.9916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0543, 0.2726, 0.3289**, and **28.6099, 0.2178, 0.2593** is the 20% darker color. If you saturate the color by 10%, you get **51.2260, 0.2229, 0.2595**, and if you desaturate by 10%, it is **64.0396, 0.2500, 0.2859**.

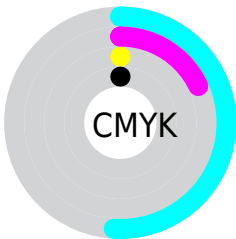
Distribution



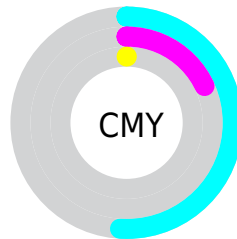
- Red (49%)
- Green (82%)
- Blue (100%)



- Red (49%)
- Yellow (69%)
- Blue (100%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2565, 0.2358, 0.2730 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 57.2565, 0.2358, 0.2730 by changing the saturation by 10% instead.


 57.2565, 0.2358,
0.2730

 57.2565, 0.2358,
0.2730

414.4098, 0.2716,
0.3002

 41.2112, 0.2277,
0.2666


 100.8394, 0.2482,
0.2826

 28.4842, 0.2177,
0.2585


 129.1457, 0.2531,
0.2863

 18.6909, 0.2051,
0.2482


 162.3079, 0.2572,
0.2895

 11.4472, 0.1890,
0.2346

200.7103, 0.2609,
0.2922

 6.3685, 0.1676,
0.2159

244.7372, 0.2640,
0.2946

 3.0704, 0.1385,
0.1892

294.7732, 0.2669,

 1.1686, 0.0981,

0.2967

0.1492

351.2026, 0.2694,
0.2985

0.0358, 0.0000,
0.0130

0.0000, 0.0000,
0.0000

57.2565, 0.2358,
0.2730

57.2565, 0.2358,
0.2730

51.2260, 0.2229,
0.2595

64.0396, 0.2500,
0.2859

45.8993, 0.2117,
0.2457

71.6074, 0.2650,
0.2979

41.2303, 0.2024,
0.2318

79.9971, 0.2806,
0.3091

37.1620, 0.1953,
0.2180

89.2415, 0.2963,
0.3193

■ 33.7900, 0.1904,
0.2053

99.3712, 0.3119,
0.3285

99.9976, 0.3127,
0.3290

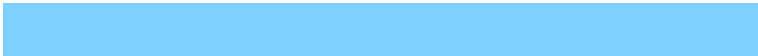
Harmonies

Analogous

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



57.2565, 0.2362, 0.3026



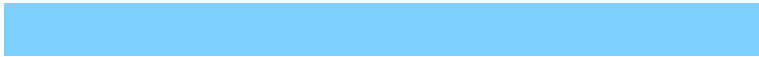
57.2565, 0.2358, 0.2730



57.2565, 0.2541, 0.2601

Triad

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



57.2565, 0.2358, 0.2730



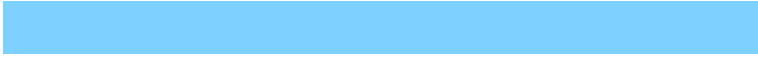
57.2565, 0.3720, 0.3117



57.2565, 0.3327, 0.4050

Complementary

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



57.2565, 0.2358, 0.2730



52.2700, 0.4307, 0.3768

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.



57.2565, 0.3715, 0.4019



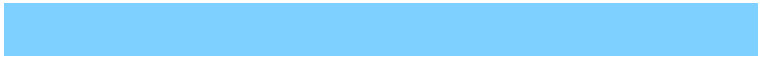
57.2565, 0.2358, 0.2730



57.2565, 0.3959, 0.3461

Square

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



57.2565, 0.2358, 0.2730



57.2565, 0.3316, 0.2825



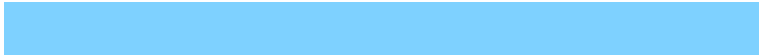
57.2565, 0.3953, 0.3790



57.2565, 0.2902, 0.3832

Rectangle

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



57.2565, 0.2358, 0.2730



57.2565, 0.2755, 0.2609



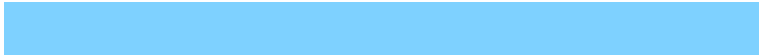
57.2565, 0.3953, 0.3790



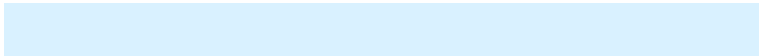
57.2565, 0.3467, 0.4067

Sweetspot

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



57.2586, 0.2358, 0.2730



85.0590, 0.2893, 0.3149



78.8821, 0.2846, 0.4341



17.7908, 0.2860, 0.3127



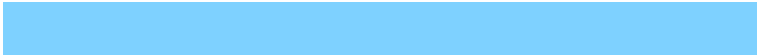
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



57.2586, 0.2358, 0.2730



50.9946, 0.2224, 0.2589



32.0266, 0.2197, 0.1910



19.3279, 0.2980, 0.3203



17.9543, 0.1910, 0.2075



1.9547, 0.1953, 0.2230

Inverse Universe

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



40.7911, 0.3626, 0.2457



34.4179, 0.3777, 0.2316



82.5359, 0.3959, 0.4363



18.1840, 0.3193, 0.3138



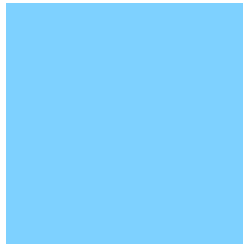
12.5405, 0.4368, 0.2180



1.2419, 0.4201, 0.2088

Previews

White Background



This preview shows how the Yxy color 57.2565, 0.2358, 0.2730 looks on a white background.

Color Contrast Check

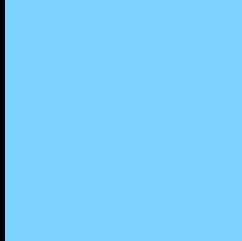
Large Text (above 18pt) WCAG AA × Fail

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 57.2565, 0.2358, 0.2730 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

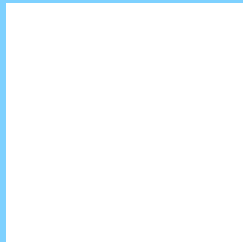
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2565, 0.2358, 0.2730

Background



This preview shows how black text looks on a background with the Yxy color 57.2565, 0.2358, 0.2730.



This preview shows how white text looks on a background with the Yxy color 57.2565, 0.2358, 0.2730.

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

57.2565, 0.2358, 0.2730

Protanopia

56.5728, 0.2718, 0.2716

Deuteranopia

56.6893, 0.2664, 0.2612



Tritanopia

57.1532, 0.2446, 0.3070

Trichromacy



Original Color

57.2565, 0.2358, 0.2730

Protanomaly

56.5054, 0.2568, 0.2723

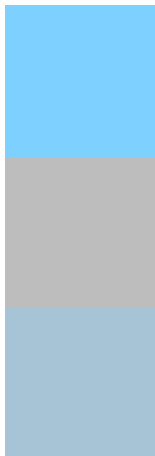
Deuteranomaly

56.4211, 0.2535, 0.2648

Tritanomaly

57.3839, 0.2415, 0.2948

Monochromacy



Original Color

57.2565, 0.2358, 0.2730

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.3909, 0.2786, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2565, 0.2358, 0.2730 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(126, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 209, 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(126, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.2565, 0.2358, 0.2730 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(126, 209, 255) }
```

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

```
.border{ border-color:rgb(126, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2565, 0.2358, 0.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 209, 255) }
```

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

```
.background{ background-color: rgb(126,  
209, 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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