

Converting Colors

$Yxy(58.8818, 0.2355, 0.2789)$

Have a look what the booklet for
Yxy(58.8818, 0.2355, 0.2789)
contains.

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Color

Yxy(58.8818, 0.2355, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	7AD5FE
RGB	122, 213, 254
RGB Percent	48%, 84%, 100%
CMY	0.5212, 0.1647, 0.0039
CMYK	0.52, 0.16, 0.00, 0.00
HSL	199°, 99%, 74%
HSV	199°, 52%, 100%
XYZ	49.7191, 58.8818, 102.5206
YIQ	190.4650, -67.3970, -6.5410

Conversions

Conversions Part 2

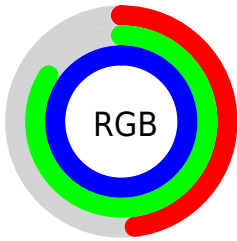
Format	Color
R _Y B	122, 176, 254
Decimal	8050174
CIE Lab	81.23, -16.21, -28.39
CIE LCh	81, 32.695, 240.278
Yxy	58.8818, 0.2355, 0.2789
Android (android.graphics.Color)	4286240254 (0xFF7AD5FE)
YUV	190.4650, 31.3228, -60.0438
Hunter-Lab	76.7345, -18.6285, -25.4999

Details

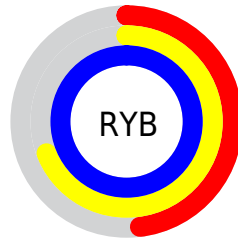
The Yxy color **58.8818, 0.2355, 0.2789** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.7118, 0.4389, 0.3718**, and the grayscale version is **51.6315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **29.3845, 0.2173, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **53.3874, 0.2235, 0.2673**, and if you desaturate by 10%, it is **65.0587, 0.2490, 0.2901**.

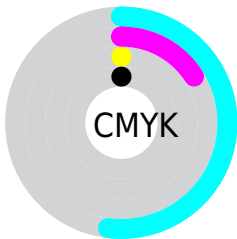
Distribution



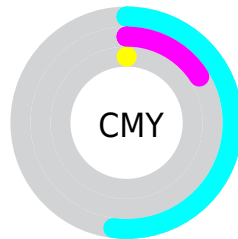
- Red (48%)
- Green (84%)
- Blue (100%)



- Red (48%)
- Yellow (69%)
- Blue (100%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (52%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8818, 0.2355, 0.2789 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 58.8818, 0.2355, 0.2789 by changing the saturation by 10% instead.


 58.8818, 0.2355,
0.2789


 58.8818, 0.2355,
0.2789


420.4637, 0.2713,
0.3034

 42.5180, 0.2274,
0.2731


 103.2059, 0.2479,
0.2876

 29.5071, 0.2175,
0.2658


 131.9349, 0.2527,
0.2909

 19.4648, 0.2050,
0.2564


 165.5544, 0.2569,
0.2938

 12.0066, 0.1890,
0.2439

204.4489, 0.2605,
0.2962

 6.7482, 0.1679,
0.2266

249.0026, 0.2637,
0.2983

 3.3051, 0.1393,
0.2017

299.6001, 0.2665,

 1.2930, 0.0995,

0.3002

0.1637

356.6257, 0.2690,
0.3019

0.1358, 0.0000,
0.0484

0.0000, 0.0000,
0.0000

58.8818, 0.2355,
0.2789

58.8818, 0.2355,
0.2789

53.3874, 0.2235,
0.2673

65.0587, 0.2490,
0.2901

48.5276, 0.2132,
0.2553

71.9486, 0.2635,
0.3006

44.2573, 0.2049,
0.2433

79.5876, 0.2787,
0.3104

40.5202, 0.1987,
0.2314

88.0071, 0.2942,
0.3194

■ 37.8286, 0.1950,
0.2220

■ 97.2364, 0.3097,
0.3275

99.9366, 0.3133,
0.3299

Harmonies

Analogous

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



58.8818, 0.2399, 0.3112



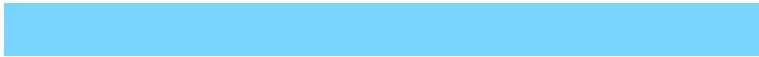
58.8818, 0.2355, 0.2789



58.8818, 0.2498, 0.2625

Triad

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



58.8818, 0.2355, 0.2789



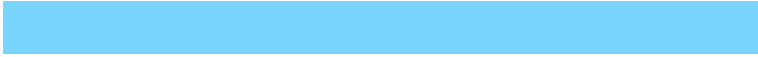
58.8818, 0.3634, 0.3052



58.8818, 0.3413, 0.4051

Complementary

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



58.8818, 0.2355, 0.2789



48.7118, 0.4389, 0.3718

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.



58.8818, 0.3771, 0.3973



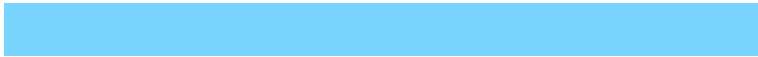
58.8818, 0.2355, 0.2789



58.8818, 0.3913, 0.3385

Square

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



58.8818, 0.2355, 0.2789



58.8818, 0.3220, 0.2783



58.8818, 0.3961, 0.3719



58.8818, 0.2993, 0.3887

Rectangle

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



58.8818, 0.2355, 0.2789



58.8818, 0.2687, 0.2610



58.8818, 0.3961, 0.3719



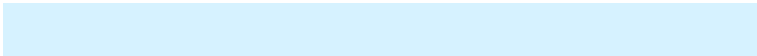
58.8818, 0.3545, 0.4050

Sweetspot

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



58.8840, 0.2355, 0.2789



85.2375, 0.2878, 0.3158



77.6320, 0.2872, 0.4462



17.8704, 0.2846, 0.3140



0.0000, 0.0000, 0.0000



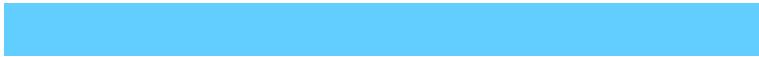
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8840, 0.2355, 0.2789



53.8219, 0.2234, 0.2672



32.6271, 0.2186, 0.1949



19.4724, 0.2980, 0.3214



20.2164, 0.1955, 0.2239



2.1633, 0.1993, 0.2373

Inverse Universe

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



39.8161, 0.3581, 0.2382



34.2394, 0.3706, 0.2241



77.7621, 0.4014, 0.4333



18.1986, 0.3186, 0.3128



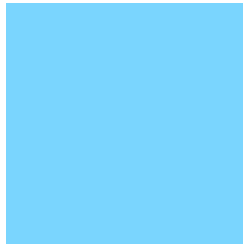
12.7688, 0.4190, 0.2082



1.2629, 0.4050, 0.2005

Previews

White Background



This preview shows how the Yxy color 58.8818, 0.2355, 0.2789 looks on a white background.

Color Contrast Check

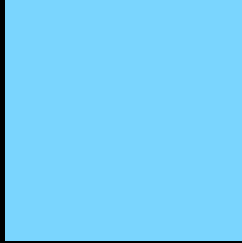
Large Text (above 18pt) WCAG AA × Fail

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 58.8818, 0.2355, 0.2789 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

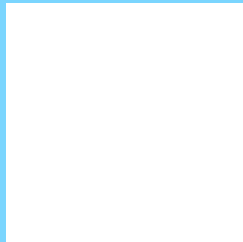
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8818, 0.2355, 0.2789

Background



This preview shows how black text looks on a background with the Yxy color 58.8818, 0.2355, 0.2789.

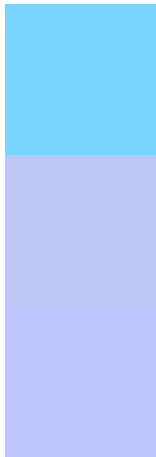


This preview shows how white text looks on a background with the Yxy color 58.8818, 0.2355, 0.2789.

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

58.8818, 0.2355, 0.2789

Protanopia

58.4549, 0.2767, 0.2777

Deuteranopia

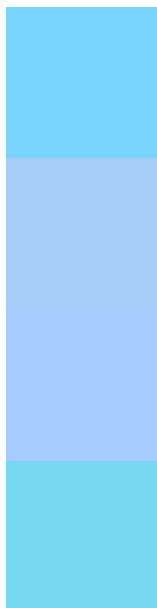
58.2289, 0.2699, 0.2641



Tritanopia

58.6971, 0.2422, 0.3059

Trichromacy



Original Color

58.8818, 0.2355, 0.2789

Protanomaly

58.0700, 0.2590, 0.2772

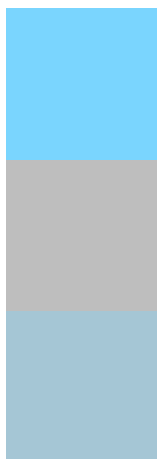
Deuteranomaly

58.0389, 0.2552, 0.2686

Tritanomaly

58.8033, 0.2400, 0.2962

Monochromacy



Original Color

58.8818, 0.2355, 0.2789

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.1916, 0.2781, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8818, 0.2355, 0.2789 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(122, 213, 254)` looks like.

```
.text, #text, p{  
    color:rgb(122, 213, 254)  
}
```

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(122, 213, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 213, 254) }
```

Border

The CSS property to change the border of an element to Yxy 58.8818, 0.2355, 0.2789 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(122, 213, 254) }
```

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

```
.border{ border-color:rgb(122, 213, 254) }
```

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

Here you see how a box with a 4 pixel rgb(122, 213, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 213, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 213, 254);  
box-shadow:4px 4px 4px 4px rgb(122, 213,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8818, 0.2355, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 213, 254) }
```

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

```
.background{ background-color: rgb(122,  
213, 254) }
```

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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