

Converting Colors

$Yxy(57.1567, 0.2307, 0.2744)$

Have a look what the booklet for
Yxy(57.1567, 0.2307, 0.2744)
contains.

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Color

Yxy(57.3192, 0.2308, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	71D3FF
RGB	113, 211, 255
RGB Percent	44%, 83%, 100%
CMY	0.5573, 0.1725, 0.0000
CMYK	0.56, 0.17, 0.00, 0.00
HSL	199°, 100%, 72%
HSV	199°, 56%, 100%
XYZ	48.1415, 57.3192, 103.1245
YIQ	186.7140, -72.5320, -7.0920

Conversions

Conversions Part 2

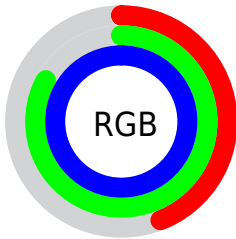
Format	Color
R _Y B	113, 171, 255
Decimal	7459839
CIE Lab	80.36, -16.78, -30.27
CIE LCh	80, 34.612, 241.007
Yxy	57.3192, 0.2308, 0.2748
Android (android.graphics.Color)	4285649919 (0xFF71D3FF)
YUV	186.7140, 33.6650, -64.6472
Hunter-Lab	75.7094, -18.9885, -27.7628

Details

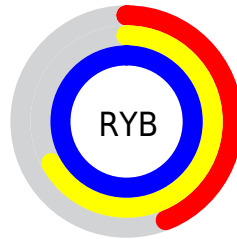
The Yxy color **57.3192, 0.2308, 0.2748** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.5135, 0.4523, 0.3740**, and the grayscale version is **49.3483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **28.3677, 0.2115, 0.2599** is the 20% darker color. If you saturate the color by 10%, you get **52.0379, 0.2194, 0.2631**, and if you desaturate by 10%, it is **63.2720, 0.2437, 0.2861**.

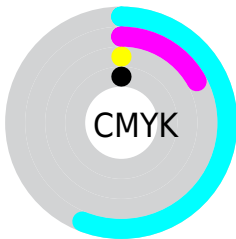
Distribution



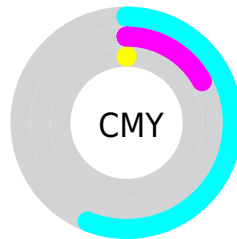
- Red (44%)
- Green (83%)
- Blue (100%)



- Red (44%)
- Yellow (67%)
- Blue (100%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3192, 0.2308, 0.2748 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 57.3192, 0.2308, 0.2748 by changing the saturation by 10% instead.


 57.3192, 0.2308,
0.2748


 57.3192, 0.2308,
0.2748

414.6443, 0.2688,
0.3013

 41.2616, 0.2222,
0.2685


 100.9308, 0.2439,
0.2842

 28.5235, 0.2117,
0.2605


 129.2535, 0.2491,
0.2878

 18.7207, 0.1985,
0.2503


 162.4335, 0.2535,
0.2909

 11.4686, 0.1816,
0.2368

200.8549, 0.2574,
0.2936

 6.3830, 0.1594,
0.2181

244.9024, 0.2608,
0.2959

 3.0793, 0.1295,
0.1913

294.9601, 0.2638,

 1.1733, 0.0877,

0.2979

0.1511

351.4127, 0.2664,
0.2997

■ 0.0397, 0.0000,
0.0144

■ 0.0000, 0.0000,
0.0000

■ 57.3192, 0.2308,
0.2748

■ 57.3192, 0.2308,
0.2748

■ 52.0379, 0.2194,
0.2631

■ 63.2720, 0.2437,
0.2861

■ 47.3780, 0.2099,
0.2512

■ 69.9287, 0.2579,
0.2968

■ 43.2911, 0.2025,
0.2392

■ 77.3269, 0.2728,
0.3069

■ 39.7149, 0.1970,
0.2275

■ 85.4990, 0.2883,
0.3161

■ 38.3055, 0.1952,
0.2226

■ 94.4754, 0.3038,
0.3246

99.9993, 0.3127,
0.3290

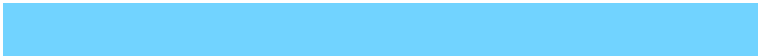
Harmonies

Analogous

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



57.3192, 0.2349, 0.3087



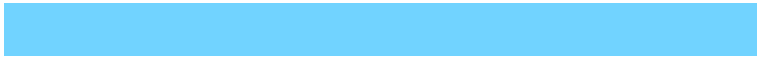
57.3192, 0.2308, 0.2748



57.3192, 0.2463, 0.2580

Triad

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



57.3192, 0.2308, 0.2748



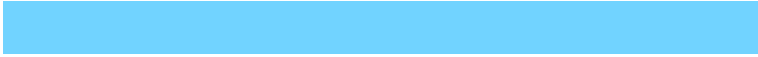
57.3192, 0.3678, 0.3044



57.3192, 0.3419, 0.4104

Complementary

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



57.3192, 0.2308, 0.2748



46.5135, 0.4523, 0.3740

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.



57.3192, 0.3806, 0.4022



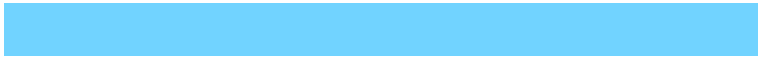
57.3192, 0.2308, 0.2748



57.3192, 0.3971, 0.3397

Square

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



57.3192, 0.2308, 0.2748



57.3192, 0.3236, 0.2757



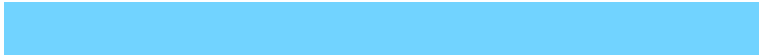
57.3192, 0.4015, 0.3751



57.3192, 0.2972, 0.3924

Rectangle

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



57.3192, 0.2308, 0.2748



57.3192, 0.2666, 0.2568



57.3192, 0.4015, 0.3751



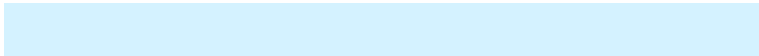
57.3192, 0.3561, 0.4104

Sweetspot

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



57.3213, 0.2308, 0.2748



84.4235, 0.2863, 0.3150



77.4008, 0.2861, 0.4565



17.7094, 0.2832, 0.3132



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.



57.3213, 0.2308, 0.2748



51.4163, 0.2181, 0.2616



29.8634, 0.2114, 0.1834



19.4773, 0.2980, 0.3215



20.2950, 0.1957, 0.2245



2.1705, 0.1994, 0.2378

Inverse Universe

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



37.7475, 0.3625, 0.2323



31.8946, 0.3769, 0.2181



77.1507, 0.4079, 0.4398



18.1990, 0.3186, 0.3127



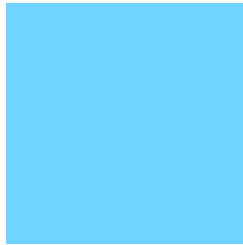
12.7768, 0.4184, 0.2079



1.2637, 0.4045, 0.2002

Previews

White Background



This preview shows how the Yxy color 57.3192, 0.2308, 0.2748 looks on a white background.

Color Contrast Check

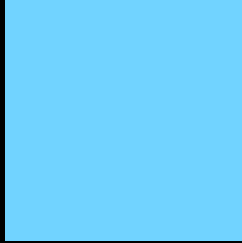
Large Text (above 18pt) WCAG AA × Fail

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 57.3192, 0.2308, 0.2748 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

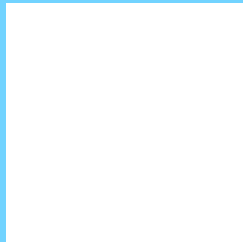
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3192, 0.2308, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 57.3192, 0.2308, 0.2748.



This preview shows how white text looks on a background with the Yxy color 57.3192, 0.2308, 0.2748.

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

57.3192, 0.2308, 0.2748

Protanopia

56.5763, 0.2737, 0.2738

Deuteranopia

56.6893, 0.2664, 0.2612



Tritanopia

57.3701, 0.2384, 0.3068

Trichromacy



Original Color

57.3192, 0.2308, 0.2748

Protanomaly

56.0242, 0.2550, 0.2730

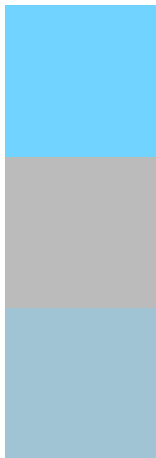
Deuteranomaly

56.3642, 0.2508, 0.2655

Tritanomaly

57.5102, 0.2357, 0.2957

Monochromacy



Original Color

57.3192, 0.2308, 0.2748

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.7069, 0.2751, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3192, 0.2308, 0.2748 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(113, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 211, 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(113, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.3192, 0.2308, 0.2748 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(113, 211, 255) }
```

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

```
.border{ border-color:rgb(113, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3192, 0.2308, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 211, 255) }
```

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

```
.background{ background-color: rgb(113,  
211, 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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