

Converting Colors

$Y_{xy}(57.4001, 0.2392, 0.2722)$

Have a look what the booklet for
Yxy(57.4001, 0.2392, 0.2722)
contains.

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Color

Yxy(57.4001, 0.2392, 0.2722)

Conversions

Conversions Part 1

Format	Color
Hex	86D0FF
RGB	134, 208, 255
RGB Percent	53%, 82%, 100%
CMY	0.4744, 0.1843, 0.0000
CMYK	0.47, 0.18, 0.00, 0.00
HSL	203°, 100%, 76%
HSV	203°, 47%, 100%
XYZ	50.4412, 57.4001, 103.0334
YIQ	191.2320, -59.1910, -1.0710

Conversions

Conversions Part 2

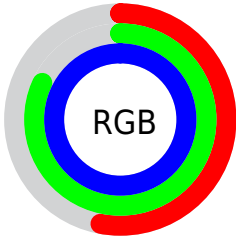
Format	Color
RYB	134, 180, 255
Decimal	8835327
CIELab	80.40, -10.72, -30.14
CIElCh	80, 31.989, 250.413
Yxy	57.4001, 0.2392, 0.2722
Android (android.graphics.Color)	4287025407 (0xFF86D0FF)
YUV	191.2320, 31.4376, -50.1925
Hunter-Lab	75.7629, -13.7436, -27.5972

Details

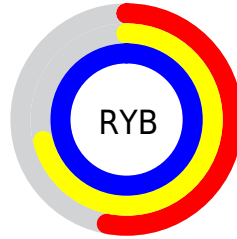
The Yxy color **57.4001, 0.2392, 0.2722** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.0435, 0.4188, 0.3781**, and the grayscale version is **52.0864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **28.6843, 0.2221, 0.2584** is the 20% darker color. If you saturate the color by 10%, you get **50.8710, 0.2254, 0.2576**, and if you desaturate by 10%, it is **64.7395, 0.2541, 0.2861**.

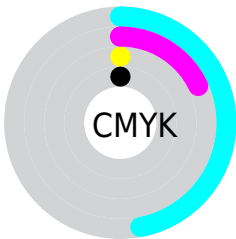
Distribution



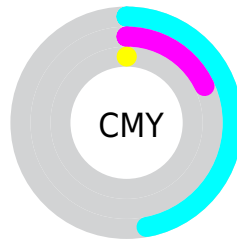
- Red (53%)
- Green (82%)
- Blue (100%)



- Red (53%)
- Yellow (71%)
- Blue (100%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4001, 0.2392, 0.2722 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 57.4001, 0.2392, 0.2722 by changing the saturation by 10% instead.

■ 57.4001, 0.2392,
0.2722

■ 57.4001, 0.2392,
0.2722

■ 414.9468, 0.2735,
0.2996

■ 41.3266, 0.2314,
0.2657

■ 101.0488, 0.2511,
0.2819

■ 28.5743, 0.2218,
0.2577

■ 129.3926, 0.2557,
0.2856

■ 18.7591, 0.2097,
0.2474

■ 162.5954, 0.2597,
0.2888

■ 11.4963, 0.1941,
0.2338

■ 201.0415, 0.2632,
0.2915

■ 6.4017, 0.1734,
0.2152

■ 245.1153, 0.2663,
0.2939

■ 3.0908, 0.1450,
0.1887

■ 295.2012, 0.2690,

■ 1.1793, 0.1053,

0.2961

0.1491

351.6836, 0.2714,
0.2979

0.0447, 0.0000,
0.0162

0.0000, 0.0000,
0.0000

57.4001, 0.2392,
0.2722

57.4001, 0.2392,
0.2722

50.8710, 0.2254,
0.2576

64.7395, 0.2541,
0.2861

45.1048, 0.2132,
0.2425

72.9228, 0.2696,
0.2990

40.0557, 0.2028,
0.2273

81.9871, 0.2854,
0.3109

35.6684, 0.1946,
0.2121

91.9657, 0.3012,
0.3217

■ 31.8726, 0.1885,
0.1974

100.0000, 0.3127,
0.3290

■ 30.9703, 0.1871,
0.1937

Harmonies

Analogous

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



57.4001, 0.2372, 0.2992



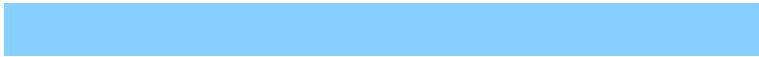
57.4001, 0.2392, 0.2722



57.4001, 0.2592, 0.2616

Triad

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



57.4001, 0.2392, 0.2722



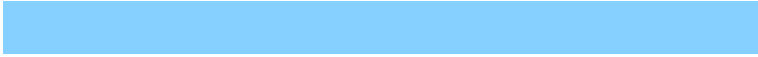
57.4001, 0.3741, 0.3162



57.4001, 0.3271, 0.4013

Complementary

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



57.4001, 0.2392, 0.2722



56.0435, 0.4188, 0.3781

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.



57.4001, 0.3658, 0.4014



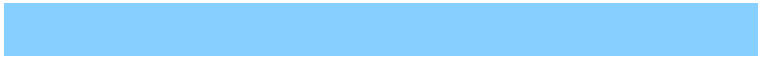
57.4001, 0.2392, 0.2722



57.4001, 0.3946, 0.3499

Square

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



57.4001, 0.2392, 0.2722



57.4001, 0.3364, 0.2869



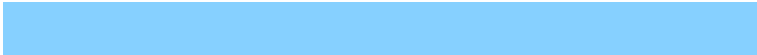
57.4001, 0.3911, 0.3812



57.4001, 0.2862, 0.3774

Rectangle

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



57.4001, 0.2392, 0.2722



57.4001, 0.2811, 0.2637



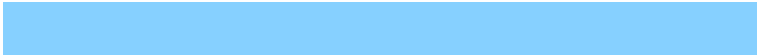
57.4001, 0.3911, 0.3812



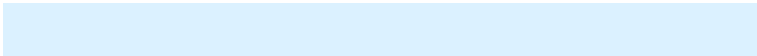
57.4001, 0.3408, 0.4040

Sweetspot

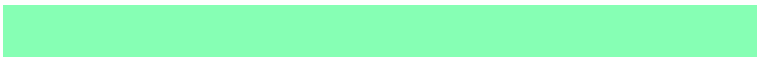
The Sweet Spot groups the original color and five complimentary colors.



57.4018, 0.2392, 0.2722



85.3136, 0.2909, 0.3147



79.9027, 0.2839, 0.4211



17.8111, 0.2875, 0.3123



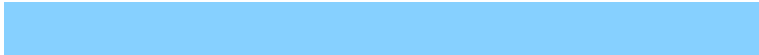
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



57.4018, 0.2392, 0.2722



51.1411, 0.2260, 0.2583



33.5161, 0.2251, 0.1959



19.2268, 0.2979, 0.3195



16.4813, 0.1878, 0.1961



1.8171, 0.1925, 0.2128

Inverse Universe

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



42.8729, 0.3624, 0.2541



36.4380, 0.3771, 0.2409



85.8258, 0.3890, 0.4338



18.1738, 0.3198, 0.3146



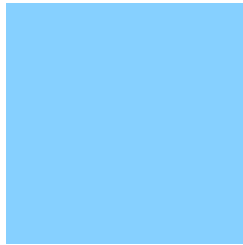
12.3918, 0.4497, 0.2251



1.2280, 0.4310, 0.2148

Previews

White Background



This preview shows how the Yxy color 57.4001, 0.2392, 0.2722 looks on a white background.

Color Contrast Check

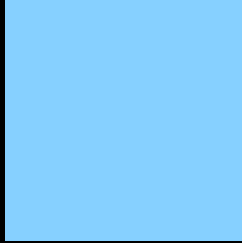
Large Text (above 18pt) WCAG AA × Fail

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 57.4001, 0.2392, 0.2722 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

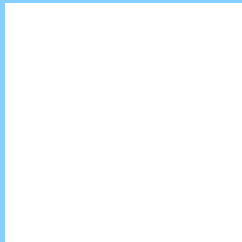
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4001, 0.2392, 0.2722

Background



This preview shows how black text looks on a background with the Yxy color 57.4001, 0.2392, 0.2722.

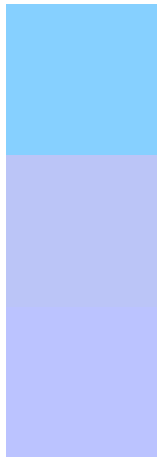


This preview shows how white text looks on a background with the Yxy color 57.4001, 0.2392, 0.2722.

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

57.4001, 0.2392, 0.2722

Protanopia

57.2127, 0.2720, 0.2718

Deuteranopia

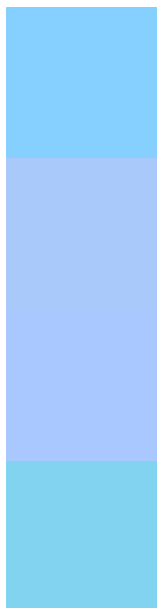
56.8150, 0.2671, 0.2614



Tritanopia

57.2358, 0.2481, 0.3059

Trichromacy



Original Color

57.4001, 0.2392, 0.2722

Protanomaly

57.0002, 0.2587, 0.2716

Deuteranomaly

56.8534, 0.2558, 0.2652

Tritanomaly

57.4877, 0.2450, 0.2938

Monochromacy



Original Color

57.4001, 0.2392, 0.2722

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.3336, 0.2808, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4001, 0.2392, 0.2722 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(134, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 208, 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(134, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.4001, 0.2392, 0.2722 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(134, 208, 255) }
```

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

```
.border{ border-color:rgb(134, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(134, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4001, 0.2392, 0.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 208, 255) }
```

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

```
.background{ background-color: rgb(134,  
208, 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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