

Converting Colors

$Yxy(52.1943, 0.2365, 0.2651)$

Have a look what the booklet for
Yxy(52.1943, 0.2365, 0.2651)
contains.

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Color

Yxy(52.3382, 0.2364, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	80C7FA
RGB	128, 199, 250
RGB Percent	50%, 78%, 98%
CMY	0.4984, 0.2195, 0.0197
CMYK	0.49, 0.20, 0.00, 0.02
HSL	205°, 92%, 74%
HSV	205°, 49%, 98%
XYZ	46.5666, 52.3382, 98.0775
YIQ	183.5850, -58.6870, 0.8090

Conversions

Conversions Part 2

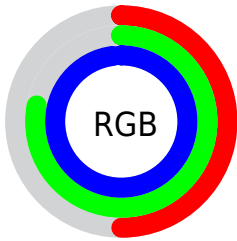
Format	Color
R _Y B	128, 173, 250
Decimal	8439802
CIE Lab	77.48, -8.77, -31.98
CIE LCh	77, 33.157, 254.656
Yxy	52.3382, 0.2364, 0.2657
Android (android.graphics.Color)	4286629882 (0xFF80C7FA)
YUV	183.5850, 32.7426, -48.7480
Hunter-Lab	72.3451, -11.7084, -29.7372

Details

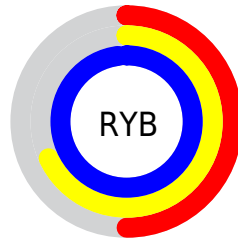
The Yxy color **52.3382, 0.2364, 0.2657** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.0601, 0.4208, 0.3830**, and the grayscale version is **47.5213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1791, 0.2731, 0.3289**, and **25.3300, 0.2178, 0.2492** is the 20% darker color. If you saturate the color by 10%, you get **45.9974, 0.2224, 0.2499**, and if you desaturate by 10%, it is **59.4895, 0.2515, 0.2808**.

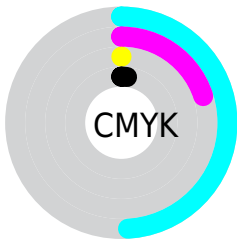
Distribution



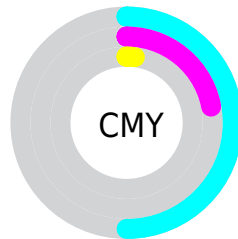
- Red (50%)
- Green (78%)
- Blue (98%)



- Red (50%)
- Yellow (68%)
- Blue (98%)



- Cyan (49%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3382, 0.2364, 0.2657 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 52.3382, 0.2364, 0.2657 by changing the saturation by 10% instead.

■ 52.3382, 0.2364,
0.2657

■ 52.3382, 0.2364,
0.2657

■ 395.7409, 0.2725,
0.2965

■ 37.2747, 0.2281,
0.2584

■ 93.6298, 0.2490,
0.2766

■ 25.4203, 0.2177,
0.2492

■ 120.6268, 0.2539,
0.2808

■ 16.3904, 0.2047,
0.2375

■ 152.3703, 0.2581,
0.2844

■ 9.8009, 0.1878,
0.2219

■ 189.2448, 0.2618,
0.2875

■ 5.2671, 0.1652,
0.2006

■ 231.6348, 0.2650,
0.2902

■ 2.4048, 0.1341,
0.1703

■ 279.9245, 0.2678,

■ 0.8284, 0.0871,

0.2925

0.1259

334.4984, 0.2703,
0.2946

0.0000, 0.0000,
0.0000

52.3382, 0.2364,
0.2657

52.3382, 0.2364,
0.2657

45.9974, 0.2224,
0.2499

59.4895, 0.2515,
0.2808

40.4189, 0.2100,
0.2335

67.4839, 0.2672,
0.2949

35.5573, 0.1994,
0.2171

76.3588, 0.2832,
0.3078

31.3572, 0.1911,
0.2009

86.1473, 0.2990,
0.3196

27.7409, 0.1850,
0.1852

96.8806, 0.3145,
0.3302

■ 27.3477, 0.1843,
0.1834

■ 99.6812, 0.3156,
0.3338

Harmonies

Analogous

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



52.3382, 0.2315, 0.2919



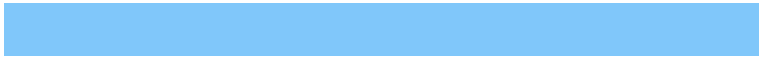
52.3382, 0.2364, 0.2657



52.3382, 0.2601, 0.2572

Triad

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



52.3382, 0.2364, 0.2657



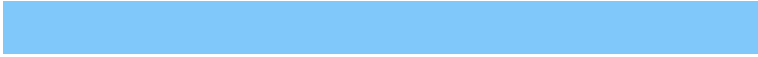
52.3382, 0.3829, 0.3202



52.3382, 0.3215, 0.4045

Complementary

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



52.3382, 0.2364, 0.2657



54.0601, 0.4208, 0.3830

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.



52.3382, 0.3639, 0.4079



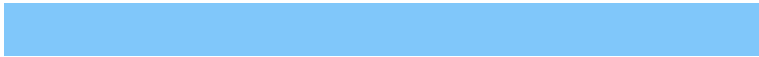
52.3382, 0.2364, 0.2657



52.3382, 0.4013, 0.3560

Square

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



52.3382, 0.2364, 0.2657



52.3382, 0.3443, 0.2880



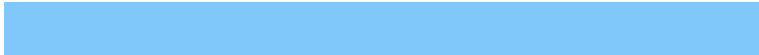
52.3382, 0.3938, 0.3884



52.3382, 0.2786, 0.3756

Rectangle

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



52.3382, 0.2364, 0.2657



52.3382, 0.2846, 0.2611



52.3382, 0.3938, 0.3884



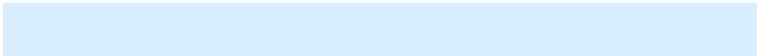
52.3382, 0.3363, 0.4086

Sweetspot

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



52.3401, 0.2364, 0.2657



83.6864, 0.2892, 0.3125



76.1885, 0.2814, 0.4188



17.4596, 0.2859, 0.3099



0.0000, 0.0000, 0.0000



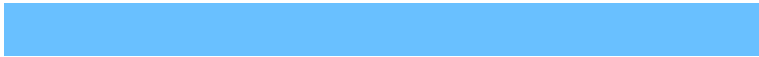
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3401, 0.2364, 0.2657



47.9834, 0.2221, 0.2495



29.6794, 0.2213, 0.1864



18.3232, 0.2980, 0.3189



14.7988, 0.1850, 0.1860



1.5800, 0.1902, 0.2047

Inverse Universe

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



39.8571, 0.3682, 0.2555



35.0864, 0.3855, 0.2425



84.0862, 0.3892, 0.4398



17.3948, 0.3202, 0.3153



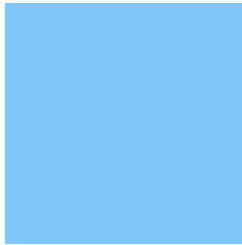
11.9049, 0.4615, 0.2316



1.1237, 0.4400, 0.2198

Previews

White Background



This preview shows how the Yxy color 52.3382, 0.2364, 0.2657 looks on a white background.

Color Contrast Check

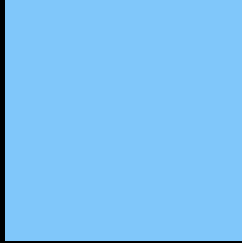
Large Text (above 18pt) WCAG AA × Fail

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 52.3382, 0.2364, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

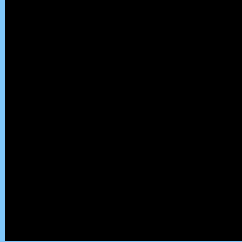
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

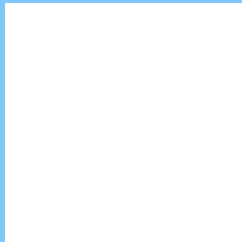
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3382, 0.2364, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 52.3382, 0.2364, 0.2657.



This preview shows how white text looks on a background with the Yxy color 52.3382, 0.2364, 0.2657.

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

52.3382, 0.2364, 0.2657

Protanopia

51.7244, 0.2672, 0.2651

Deuteranopia

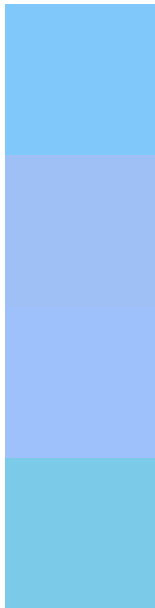
52.1087, 0.2601, 0.2546



Tritanopia

52.3281, 0.2473, 0.3063

Trichromacy



Original Color

52.3382, 0.2364, 0.2657

Protanomaly

51.6628, 0.2545, 0.2649

Deuteranomaly

51.9334, 0.2506, 0.2585

Tritanomaly

52.2048, 0.2428, 0.2900

Monochromacy



Original Color

52.3382, 0.2364, 0.2657

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.8418, 0.2798, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3382, 0.2364, 0.2657 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(128, 199, 250)` looks like.

```
.text, #text, p{  
    color:rgb(128, 199, 250)  
}
```

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(128, 199, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 199, 250) }
```

Border

The CSS property to change the border of an element to Yxy 52.3382, 0.2364, 0.2657 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(128, 199, 250) }
```

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

```
.border{ border-color:rgb(128, 199, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 199, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 199, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 199, 250);  
box-shadow:4px 4px 4px 4px rgb(128, 199,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3382, 0.2364, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 199, 250) }
```

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

```
.background{ background-color: rgb(128,  
199, 250) }
```

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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