

Converting Colors

$Y_{xy}(51.0264, 0.2437, 0.2652)$

Have a look what the booklet for
Yxy(51.0264, 0.2437, 0.2652)
contains.

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Color

Yxy(50.8128, 0.2433, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	8CC2F6
RGB	140, 194, 246
RGB Percent	55%, 76%, 96%
CMY	0.4511, 0.2392, 0.0352
CMYK	0.43, 0.21, 0.00, 0.04
HSL	209°, 86%, 76%
HSV	209°, 43%, 96%
XYZ	46.7401, 50.8128, 94.5560
YIQ	183.7820, -48.8760, 4.7240

Conversions

Conversions Part 2

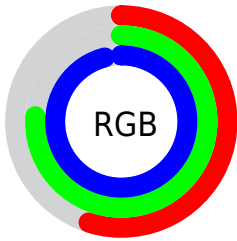
Format	Color
R _Y B	140, 176, 246
Decimal	9224950
CIE Lab	76.57, -4.33, -31.22
CIE LCh	77, 31.516, 262.100
Yxy	50.8128, 0.2433, 0.2645
Android (android.graphics.Color)	4287415030 (0xFF8CC2F6)
YUV	183.7820, 30.6735, -38.3968
Hunter-Lab	71.2831, -7.7036, -28.7492

Details

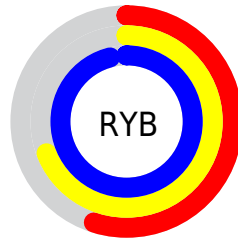
The Yxy color **50.8128, 0.2433, 0.2645** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.1846, 0.4006, 0.3849**, and the grayscale version is **47.6519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4615, 0.2785, 0.3236**, and **24.6523, 0.2261, 0.2480** is the 20% darker color. If you saturate the color by 10%, you get **43.7562, 0.2277, 0.2462**, and if you desaturate by 10%, it is **58.7871, 0.2596, 0.2818**.

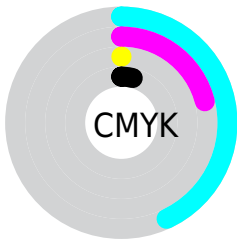
Distribution



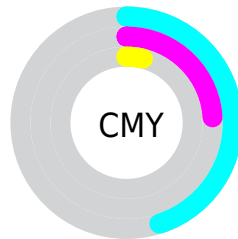
- Red (55%)
- Green (76%)
- Blue (96%)



- Red (55%)
- Yellow (69%)
- Blue (96%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8128, 0.2433, 0.2645 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 50.8128, 0.2433, 0.2645 by changing the saturation by 10% instead.

■ 50.8128, 0.2433,
0.2645

■ 50.8128, 0.2433,
0.2645

■ 389.8360, 0.2765,
0.2958

■ 36.0596, 0.2355,
0.2571

■ 91.3780, 0.2550,
0.2756

■ 24.4803, 0.2259,
0.2478

■ 117.9588, 0.2595,
0.2798

■ 15.6903, 0.2136,
0.2359

■ 149.2510, 0.2634,
0.2835

■ 9.3052, 0.1974,
0.2201

■ 185.6390, 0.2667,
0.2866

■ 4.9408, 0.1756,
0.1985

■ 227.5070, 0.2696,
0.2893

■ 2.2126, 0.1450,
0.1676

■ 275.2396, 0.2722,

■ 0.7268, 0.0974,

0.2917

0.1210

329.2212, 0.2745,
0.2939

0.0000, 0.0000,
0.0000

50.8128, 0.2433,
0.2645

50.8128, 0.2433,
0.2645

43.7562, 0.2277,
0.2462

58.7871, 0.2596,
0.2818

37.5692, 0.2132,
0.2271

67.7126, 0.2760,
0.2977

32.2066, 0.2005,
0.2077

77.6278, 0.2922,
0.3122

27.6155, 0.1898,
0.1885

88.5669, 0.3080,
0.3252

23.7336, 0.1817,
0.1701

99.0174, 0.3180,
0.3370

■ 21.4133, 0.1772,
0.1580

■ 99.4356, 0.3179,
0.3376

Harmonies

Analogous

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



50.8128, 0.2339, 0.2857



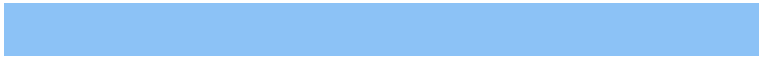
50.8128, 0.2433, 0.2645



50.8128, 0.2702, 0.2604

Triad

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



50.8128, 0.2433, 0.2645



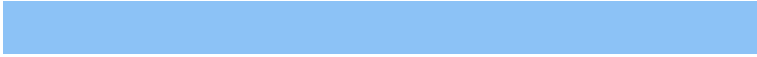
50.8128, 0.3866, 0.3291



50.8128, 0.3107, 0.3965

Complementary

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



50.8128, 0.2433, 0.2645



59.1846, 0.4006, 0.3849

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.



50.8128, 0.3526, 0.4062



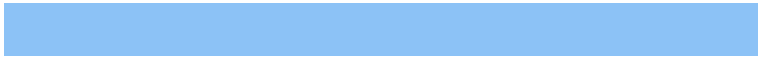
50.8128, 0.2433, 0.2645



50.8128, 0.3983, 0.3635

Square

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



50.8128, 0.2433, 0.2645



50.8128, 0.3534, 0.2966



50.8128, 0.3852, 0.3924



50.8128, 0.2710, 0.3640

Rectangle

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



50.8128, 0.2433, 0.2645



50.8128, 0.2958, 0.2666



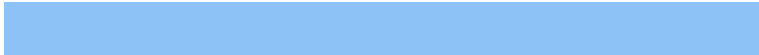
50.8128, 0.3852, 0.3924



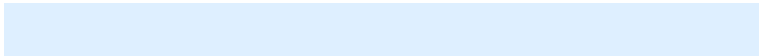
50.8128, 0.3250, 0.4025

Sweetspot

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



50.8147, 0.2433, 0.2645



84.3071, 0.2923, 0.3123



75.2736, 0.2806, 0.3970



17.5154, 0.2888, 0.3092



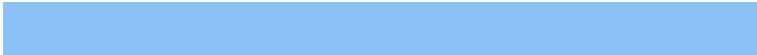
0.0000, 0.0000, 0.0000



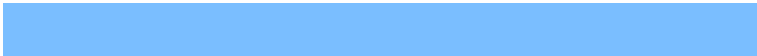
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8147, 0.2433, 0.2645



48.1973, 0.2292, 0.2481



31.4947, 0.2319, 0.1969



17.3227, 0.2980, 0.3171



11.7084, 0.1780, 0.1609



1.2348, 0.1842, 0.1832

Inverse Universe

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



42.2395, 0.3673, 0.2715



38.9936, 0.3843, 0.2604



86.3496, 0.3777, 0.4339



16.6235, 0.3214, 0.3170



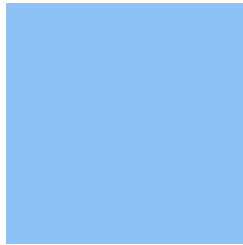
11.2813, 0.4920, 0.2484



1.0123, 0.4647, 0.2334

Previews

White Background



This preview shows how the Yxy color 50.8128, 0.2433, 0.2645 looks on a white background.

Color Contrast Check

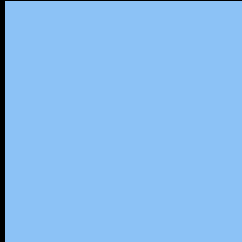
Large Text (above 18pt) WCAG AA × Fail

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 50.8128, 0.2433, 0.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

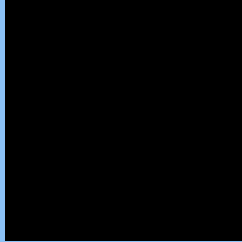
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

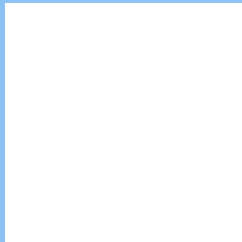
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8128, 0.2433, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 50.8128, 0.2433, 0.2645.



This preview shows how white text looks on a background with the Yxy color 50.8128, 0.2433, 0.2645.

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

50.8128, 0.2433, 0.2645

Protanopia

50.4078, 0.2662, 0.2644

Deuteranopia

50.4739, 0.2613, 0.2549



Tritanopia

50.6300, 0.2551, 0.3062

Trichromacy



Original Color

50.8128, 0.2433, 0.2645

Protanomaly

50.4874, 0.2575, 0.2646

Deuteranomaly

50.3632, 0.2546, 0.2581

Tritanomaly

50.5469, 0.2504, 0.2899

Monochromacy



Original Color

50.8128, 0.2433, 0.2645

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7963, 0.2833, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8128, 0.2433, 0.2645 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(140, 194, 246)` looks like.

```
.text, #text, p{  
    color:rgb(140, 194, 246)  
}
```

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(140, 194, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 194, 246) }
```

Border

The CSS property to change the border of an element to Yxy 50.8128, 0.2433, 0.2645 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(140, 194, 246) }
```

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

```
.border{ border-color:rgb(140, 194, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 194, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 194, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 194, 246);  
box-shadow:4px 4px 4px 4px rgb(140, 194,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8128, 0.2433, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 194, 246) }
```

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

```
.background{ background-color: rgb(140,  
194, 246) }
```

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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