

Converting Colors

$Yxy(51.2743, 0.2412, 0.2656)$

Have a look what the booklet for
Yxy(51.2743, 0.2412, 0.2656)
contains.

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Color

Yxy(51.4295, 0.2412, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	88C4F7
RGB	136, 196, 247
RGB Percent	53%, 77%, 97%
CMY	0.4664, 0.2314, 0.0314
CMYK	0.45, 0.21, 0.00, 0.03
HSL	208°, 87%, 75%
HSV	208°, 45%, 97%
XYZ	46.6872, 51.4295, 95.4456
YIQ	183.8740, -52.1310, 3.1410

Conversions

Conversions Part 2

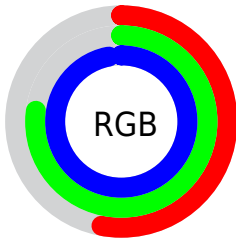
Format	Color
R _Y B	136, 175, 247
Decimal	8963319
CIE Lab	76.94, -6.09, -31.17
CIE LCh	77, 31.759, 258.948
Yxy	51.4295, 0.2412, 0.2657
Android (android.graphics.Color)	4287153399 (0xFF88C4F7)
YUV	183.8740, 31.1211, -41.9855
Hunter-Lab	71.7144, -9.2937, -28.7098

Details

The Yxy color **51.4295, 0.2412, 0.2657** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.1156, 0.4070, 0.3837**, and the grayscale version is **47.7147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8080, 0.2766, 0.3268**, and **24.7260, 0.2236, 0.2492** is the 20% darker color. If you saturate the color by 10%, you get **44.6653, 0.2262, 0.2484**, and if you desaturate by 10%, it is **59.0617, 0.2570, 0.2820**.

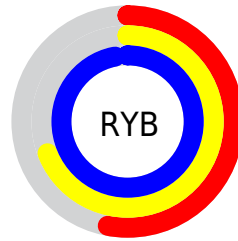
Distribution



Red (53%)

Green (77%)

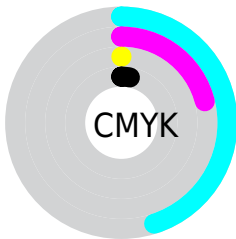
Blue (97%)



Red (53%)

Yellow (69%)

Blue (97%)

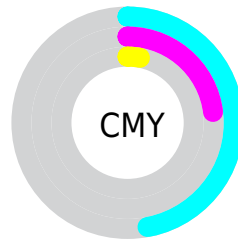


Cyan (45%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (47%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4295, 0.2412, 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 51.4295, 0.2412, 0.2657 by changing the saturation by 10% instead.

■ 51.4295, 0.2412,
0.2657

■ 51.4295, 0.2412,
0.2657

■ 392.2302, 0.2753,
0.2965

■ 36.5505, 0.2333,
0.2584

■ 92.2893, 0.2532,
0.2766

■ 24.8597, 0.2234,
0.2492

■ 119.0390, 0.2578,
0.2808

■ 15.9725, 0.2109,
0.2375

■ 150.5143, 0.2618,
0.2844

■ 9.5047, 0.1945,
0.2220

■ 187.0998, 0.2652,
0.2874

■ 5.0718, 0.1725,
0.2006

■ 229.1797, 0.2682,
0.2901

■ 2.2895, 0.1418,
0.1701

■ 277.1384, 0.2708,

■ 0.7681, 0.0943,

0.2925

0.1246

331.3605, 0.2732,
0.2946

0.0000, 0.0000,
0.0000

51.4295, 0.2412,
0.2657

51.4295, 0.2412,
0.2657

44.6653, 0.2262,
0.2484

59.0617, 0.2570,
0.2820

38.7216, 0.2124,
0.2305

67.5944, 0.2732,
0.2971

33.5541, 0.2005,
0.2123

77.0650, 0.2894,
0.3109

29.1101, 0.1907,
0.1944

87.5069, 0.3052,
0.3234

25.3266, 0.1833,
0.1771

98.0761, 0.3175,
0.3346

■ 23.6100, 0.1802,
0.1686

■ 99.4942, 0.3174,
0.3367

Harmonies

Analogous

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



51.4295, 0.2338, 0.2887



51.4295, 0.2412, 0.2657



51.4295, 0.2665, 0.2598

Triad

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



51.4295, 0.2412, 0.2657



51.4295, 0.3843, 0.3255



51.4295, 0.3152, 0.3990

Complementary

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



51.4295, 0.2412, 0.2657



57.1156, 0.4070, 0.3837

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.



51.4295, 0.3568, 0.4060



51.4295, 0.2412, 0.2657



51.4295, 0.3986, 0.3601

Square

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



51.4295, 0.2412, 0.2657



51.4295, 0.3492, 0.2934



51.4295, 0.3879, 0.3901



51.4295, 0.2746, 0.3684

Rectangle

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



51.4295, 0.2412, 0.2657



51.4295, 0.2914, 0.2650



51.4295, 0.3879, 0.3901



51.4295, 0.3295, 0.4042

Sweetspot

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



51.4314, 0.2412, 0.2657



84.9051, 0.2924, 0.3134



75.2944, 0.2814, 0.4053



17.6629, 0.2888, 0.3105



0.0000, 0.0000, 0.0000



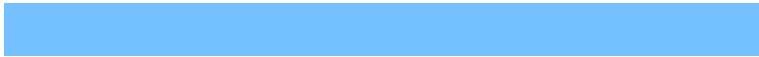
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4314, 0.2412, 0.2657



48.5891, 0.2274, 0.2499



31.1864, 0.2288, 0.1951



17.4101, 0.2980, 0.3178



12.7764, 0.1809, 0.1714



1.3284, 0.1869, 0.1926

Inverse Universe

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



41.3842, 0.3669, 0.2658



37.8450, 0.3835, 0.2541



84.7190, 0.3817, 0.4348



16.6323, 0.3209, 0.3163



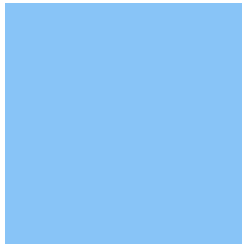
11.3892, 0.4790, 0.2412



1.0217, 0.4537, 0.2273

Previews

White Background



This preview shows how the Yxy color 51.4295, 0.2412, 0.2657 looks on a white background.

Color Contrast Check

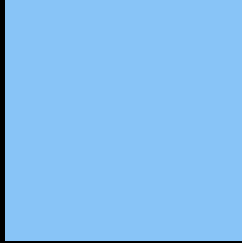
Large Text (above 18pt) WCAG AA × Fail

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 51.4295, 0.2412, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

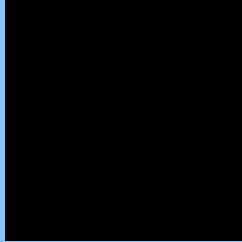
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

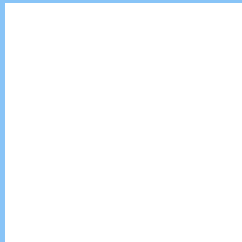
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4295, 0.2412, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 51.4295, 0.2412, 0.2657.



This preview shows how white text looks on a background with the Yxy color 51.4295, 0.2412, 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

51.4295, 0.2412, 0.2657

Protanopia

51.1216, 0.2670, 0.2648

Deuteranopia

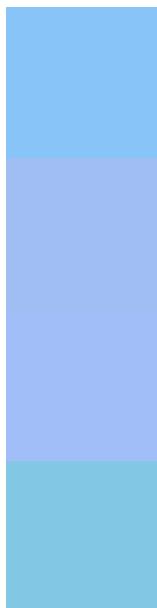
51.0713, 0.2615, 0.2552



Tritanopia

51.2951, 0.2528, 0.3076

Trichromacy



Original Color

51.4295, 0.2412, 0.2657

Protanomaly

50.8750, 0.2565, 0.2647

Deuteranomaly

51.1813, 0.2537, 0.2594

Tritanomaly

51.1941, 0.2482, 0.2912

Monochromacy



Original Color

51.4295, 0.2412, 0.2657

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6869, 0.2825, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4295, 0.2412, 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(136, 196, 247)` looks like.

```
.text, #text, p{  
    color:rgb(136, 196, 247)  
}
```

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(136, 196, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 196, 247) }
```

Border

The CSS property to change the border of an element to Yxy 51.4295, 0.2412, 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(136, 196, 247) }
```

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

```
.border{ border-color:rgb(136, 196, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 196, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 196, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 196, 247); box-shadow:4px 4px 4px 4px rgb(136, 196, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4295, 0.2412, 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(136, 196, 247) }
```

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

```
.background{ background-color: rgb(136,  
196, 247) }
```

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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