

Converting Colors

$Yxy(51.2497, 0.2388, 0.2584)$

Have a look what the booklet for
Yxy(51.2497, 0.2388, 0.2584)
contains.

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Color

Yxy(51.3769, 0.2391, 0.2591)

Conversions

Conversions Part 1

Format	Color
Hex	89C3FC
RGB	137, 195, 252
RGB Percent	54%, 76%, 99%
CMY	0.4624, 0.2353, 0.0118
CMYK	0.46, 0.23, 0.00, 0.01
HSL	210°, 95%, 76%
HSV	210°, 46%, 99%
XYZ	47.4111, 51.3769, 99.5018
YIQ	184.1560, -52.8650, 5.4310

Conversions

Conversions Part 2

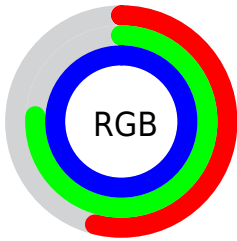
Format	Color
R _Y B	137, 176, 252
Decimal	9028604
CIE Lab	76.91, -3.92, -33.90
CIE LCh	77, 34.125, 263.399
Yxy	51.3769, 0.2391, 0.2591
Android (android.graphics.Color)	4287218684 (0xFF89C3FC)
YUV	184.1560, 33.4471, -41.3558
Hunter-Lab	71.6777, -7.3674, -32.1311

Details

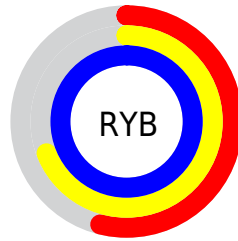
The Yxy color **51.3769, 0.2391, 0.2591** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.1254, 0.4069, 0.3888**, and the grayscale version is **47.8679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8165, 0.2775, 0.3247**, and **24.9484, 0.2210, 0.2424** is the 20% darker color. If you saturate the color by 10%, you get **44.1214, 0.2236, 0.2403**, and if you desaturate by 10%, it is **59.6026, 0.2553, 0.2769**.

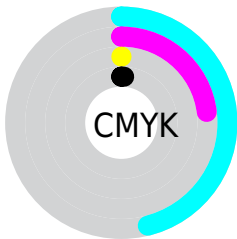
Distribution



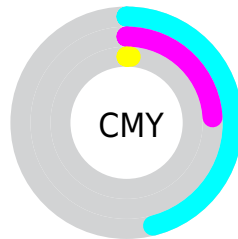
- Red (54%)
- Green (76%)
- Blue (99%)



- Red (54%)
- Yellow (69%)
- Blue (99%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (46%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3769, 0.2391, 0.2591 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 51.3769, 0.2391, 0.2591 by changing the saturation by 10% instead.

■ 51.3769, 0.2391,
0.2591

■ 51.3769, 0.2391,
0.2591

392.0264, 0.2742,
0.2928

■ 36.5086, 0.2310,
0.2512

■ 92.2117, 0.2514,
0.2710

■ 24.8273, 0.2209,
0.2413

■ 118.9469, 0.2561,
0.2756

■ 15.9484, 0.2081,
0.2287

150.4067, 0.2602,
0.2795

■ 9.4877, 0.1915,
0.2122

186.9753, 0.2637,
0.2829

■ 5.0606, 0.1692,
0.1898

229.0372, 0.2668,
0.2858

■ 2.2829, 0.1384,
0.1584

276.9767, 0.2696,

■ 0.7646, 0.0931,

0.2884

0.1128

331.1783, 0.2720,
0.2907

0.0000, 0.0000,
0.0000

51.3769, 0.2391,
0.2591

51.3769, 0.2391,
0.2591

44.1214, 0.2236,
0.2403

59.6026, 0.2553,
0.2769

37.7837, 0.2095,
0.2208

68.8354, 0.2718,
0.2934

32.3143, 0.1971,
0.2012

79.1171, 0.2882,
0.3085

27.6544, 0.1870,
0.1819

90.4850, 0.3041,
0.3220

23.7337, 0.1794,
0.1636

99.8075, 0.3145,
0.3319

■ 22.2009, 0.1767,
0.1559

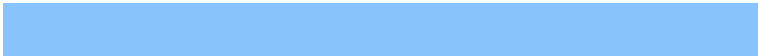
Harmonies

Analogous

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



51.3769, 0.2282, 0.2808



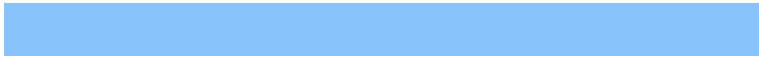
51.3769, 0.2391, 0.2591



51.3769, 0.2686, 0.2557

Triad

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



51.3769, 0.2391, 0.2591



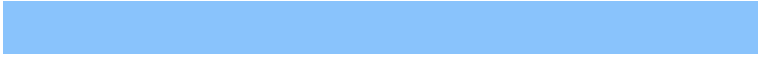
51.3769, 0.3936, 0.3304



51.3769, 0.3083, 0.4012

Complementary

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



51.3769, 0.2391, 0.2591



61.1254, 0.4069, 0.3888

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.



51.3769, 0.3536, 0.4125



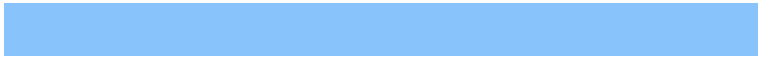
51.3769, 0.2391, 0.2591



51.3769, 0.4050, 0.3672

Square

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



51.3769, 0.2391, 0.2591



51.3769, 0.3584, 0.2955



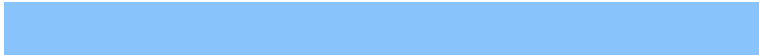
51.3769, 0.3896, 0.3981



51.3769, 0.2661, 0.3650

Rectangle

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



51.3769, 0.2391, 0.2591



51.3769, 0.2964, 0.2629



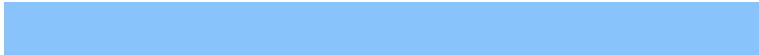
51.3769, 0.3896, 0.3981



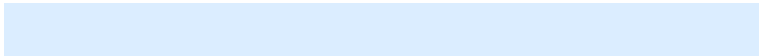
51.3769, 0.3236, 0.4081

Sweetspot

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



51.3788, 0.2391, 0.2591



83.0629, 0.2907, 0.3107



78.7724, 0.2791, 0.4018



17.2626, 0.2872, 0.3076



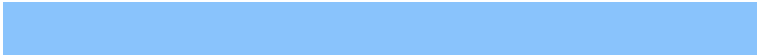
0.0000, 0.0000, 0.0000



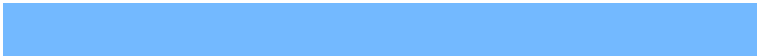
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3788, 0.2391, 0.2591



45.7234, 0.2245, 0.2414



30.8207, 0.2264, 0.1879



18.0886, 0.2980, 0.3169



11.8614, 0.1775, 0.1588



1.3107, 0.1834, 0.1803

Inverse Universe

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



42.5501, 0.3726, 0.2689



36.9852, 0.3914, 0.2578



90.9180, 0.3812, 0.4395



17.3712, 0.3215, 0.3171



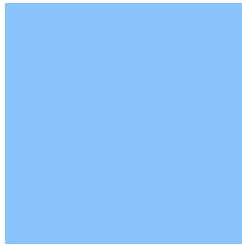
11.6083, 0.4946, 0.2498



1.0965, 0.4682, 0.2353

Previews

White Background



This preview shows how the Yxy color 51.3769, 0.2391, 0.2591 looks on a white background.

Color Contrast Check

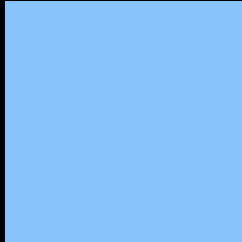
Large Text (above 18pt) WCAG AA × Fail

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 51.3769, 0.2391, 0.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

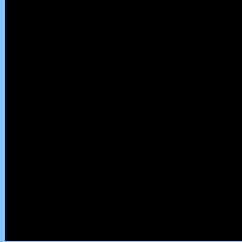
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

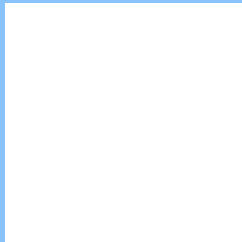
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3769, 0.2391, 0.2591

Background



This preview shows how black text looks on a background with the Yxy color 51.3769, 0.2391, 0.2591.



This preview shows how white text looks on a background with the Yxy color 51.3769, 0.2391, 0.2591.

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

51.3769, 0.2391, 0.2591

Protanopia

51.0787, 0.2621, 0.2592

Deuteranopia

50.9315, 0.2561, 0.2496



Tritanopia

51.2951, 0.2528, 0.3076

Trichromacy



Original Color

51.3769, 0.2391, 0.2591

Protanomaly

51.0778, 0.2531, 0.2593

Deuteranomaly

50.8580, 0.2497, 0.2528

Tritanomaly

51.3853, 0.2477, 0.2888

Monochromacy



Original Color

51.3769, 0.2391, 0.2591

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7854, 0.2812, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3769, 0.2391, 0.2591 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(137, 195, 252)` looks like.

```
.text, #text, p{  
    color:rgb(137, 195, 252)  
}
```

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(137, 195, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 195, 252) }
```

Border

The CSS property to change the border of an element to Yxy 51.3769, 0.2391, 0.2591 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(137, 195, 252) }
```

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

```
.border{ border-color:rgb(137, 195, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 195, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 195, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 195, 252);  
box-shadow:4px 4px 4px 4px rgb(137, 195,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3769, 0.2391, 0.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 195, 252) }
```

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

```
.background{ background-color: rgb(137,  
195, 252) }
```

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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