

Converting Colors

Yxy(53.1593, 0.2382, 0.2605)

Have a look what the booklet for
Yxy(53.1593, 0.2382, 0.2605)
contains.

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Color

Yxy(53.3011, 0.2381, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	88C7FF
RGB	136, 199, 255
RGB Percent	53%, 78%, 100%
CMY	0.4662, 0.2197, 0.0000
CMYK	0.47, 0.22, 0.00, 0.00
HSL	208°, 100%, 77%
HSV	208°, 47%, 100%
XYZ	48.6431, 53.3011, 102.3528
YIQ	186.5470, -55.5240, 4.0600

Conversions

Conversions Part 2

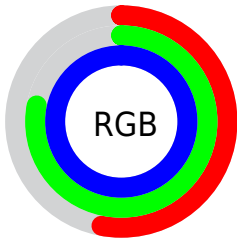
Format	Color
R_{YB}	136, 177, 255
Decimal	8964095
CIE _{Lab}	78.05, -5.46, -33.76
CIE _{LCh}	78, 34.198, 260.820
Yxy	53.3011, 0.2381, 0.2609
Android (android.graphics.Color)	4287154175 (0xFF88C7FF)
YUV	186.5470, 33.7473, -44.3297
Hunter-Lab	73.0076, -8.8332, -32.0161

Details

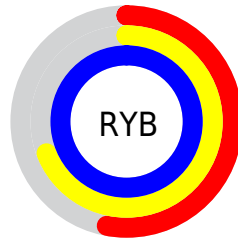
The Yxy color **53.3011, 0.2381, 0.2609** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.7994, 0.4112, 0.3872**, and the grayscale version is **49.2687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **25.9477, 0.2201, 0.2434** is the 20% darker color. If you saturate the color by 10%, you get **46.0999, 0.2231, 0.2430**, and if you desaturate by 10%, it is **61.4475, 0.2540, 0.2779**.

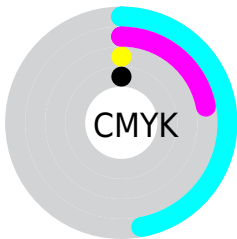
Distribution



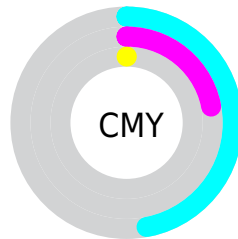
- Red (53%)
- Green (78%)
- Blue (100%)



- Red (53%)
- Yellow (69%)
- Blue (100%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (47%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3011, 0.2381, 0.2609 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 53.3011, 0.2381, 0.2609 by changing the saturation by 10% instead.


 53.3011, 0.2381,
0.2609

 53.3011, 0.2381,
0.2609


399.4393, 0.2734,
0.2936


 38.0432, 0.2300,
0.2532


 95.0473, 0.2504,
0.2724

 26.0162, 0.2199,
0.2437


 122.3044, 0.2552,
0.2769

 16.8358, 0.2073,
0.2315


 154.3299, 0.2593,
0.2807

 10.1175, 0.1909,
0.2156

191.5084, 0.2628,
0.2840

 5.4769, 0.1690,
0.1941

234.2242, 0.2660,
0.2868

 2.5297, 0.1390,
0.1639

282.8617, 0.2687,

 0.8915, 0.0965,

0.2894

0.1205

337.8052, 0.2712,
0.2916

0.0000, 0.0000,
0.0000

53.3011, 0.2381,
0.2609

53.3011, 0.2381,
0.2609

46.0999, 0.2231,
0.2430

61.4475, 0.2540,
0.2779

39.7964, 0.2095,
0.2245

70.5809, 0.2703,
0.2937

34.3390, 0.1977,
0.2059

80.7410, 0.2865,
0.3081

29.6683, 0.1882,
0.1875

91.9651, 0.3025,
0.3211

25.7120, 0.1810,
0.1700

100.0000, 0.3127,
0.3290

■ 24.5036, 0.1790,
0.1643

Harmonies

Analogous

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



53.3011, 0.2290, 0.2840



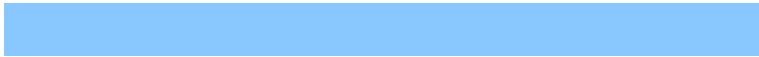
53.3011, 0.2381, 0.2609



53.3011, 0.2659, 0.2560

Triad

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



53.3011, 0.2381, 0.2609



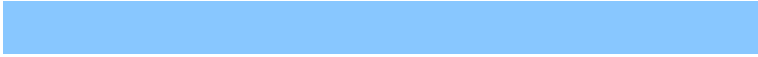
53.3011, 0.3906, 0.3273



53.3011, 0.3123, 0.4024

Complementary

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



53.3011, 0.2381, 0.2609



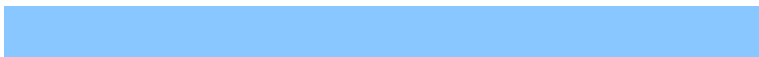
60.7994, 0.4112, 0.3872

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.



53.3011, 0.3568, 0.4113



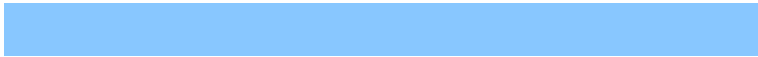
53.3011, 0.2381, 0.2609



53.3011, 0.4042, 0.3639

Square

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



53.3011, 0.2381, 0.2609



53.3011, 0.3542, 0.2932



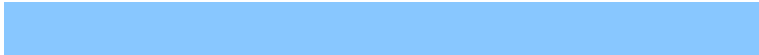
53.3011, 0.3911, 0.3953



53.3011, 0.2697, 0.3683

Rectangle

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



53.3011, 0.2381, 0.2609



53.3011, 0.2927, 0.2622



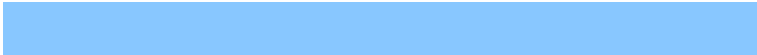
53.3011, 0.3911, 0.3953



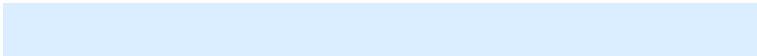
53.3011, 0.3275, 0.4085

Sweetspot

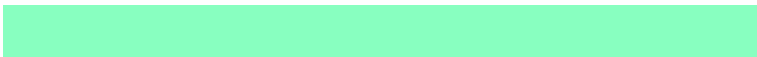
The Sweet Spot groups the original color and five complimentary colors.



53.3014, 0.2381, 0.2609



83.5793, 0.2908, 0.3116



80.5517, 0.2795, 0.4064



17.3883, 0.2873, 0.3087



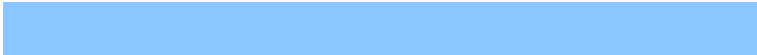
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



53.3014, 0.2381, 0.2609



46.5209, 0.2240, 0.2442



31.2427, 0.2245, 0.1865



18.9679, 0.2979, 0.3175



13.1054, 0.1798, 0.1671



1.4949, 0.1852, 0.1868

Inverse Universe

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



43.0232, 0.3714, 0.2647



36.5109, 0.3893, 0.2533



92.0584, 0.3835, 0.4402



18.1476, 0.3211, 0.3165



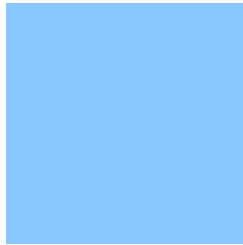
12.0510, 0.4842, 0.2441



1.1955, 0.4604, 0.2310

Previews

White Background



This preview shows how the Yxy color 53.3011, 0.2381, 0.2609 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 53.3011, 0.2381, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

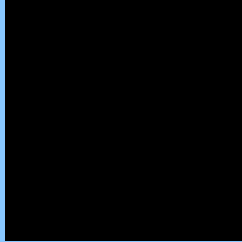
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

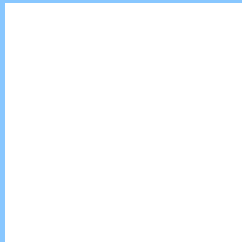
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3011, 0.2381, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 53.3011, 0.2381, 0.2609.



This preview shows how white text looks on a background with the Yxy color 53.3011, 0.2381, 0.2609.

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

53.3011, 0.2381, 0.2609

Protanopia

52.9513, 0.2639, 0.2613

Deuteranopia

52.8453, 0.2592, 0.2529



Tritanopia

53.3722, 0.2505, 0.3066

Trichromacy



Original Color

53.3011, 0.2381, 0.2609

Protanomaly

52.7863, 0.2532, 0.2601

Deuteranomaly

52.9370, 0.2505, 0.2559

Tritanomaly

53.3982, 0.2461, 0.2893

Monochromacy



Original Color

53.3011, 0.2381, 0.2609

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3399, 0.2802, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3011, 0.2381, 0.2609 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 199, 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(136, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.3011, 0.2381, 0.2609 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, 199, 255) }
```

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

```
.border{ border-color:rgb(136, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 199, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 199, 255); box-shadow:4px 4px 4px 4px rgb(136, 199, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3011, 0.2381, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 199, 255) }
```

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

```
.background{ background-color: rgb(136,  
199, 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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