

Converting Colors

$Yxy(60.8067, 0.2100, 0.1989)$

Have a look what the booklet for
Yxy(60.8067, 0.2100, 0.1989)
contains.

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Color

Yxy(54.6953, 0.2388, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	88CAFF
RGB	136, 202, 255
RGB Percent	53%, 79%, 100%
CMY	0.4665, 0.2078, 0.0001
CMYK	0.47, 0.21, 0.00, 0.00
HSL	207°, 100%, 77%
HSV	207°, 47%, 100%
XYZ	49.3249, 54.6953, 102.5330
YIQ	188.3080, -56.3490, 2.4910

Conversions

Conversions Part 2

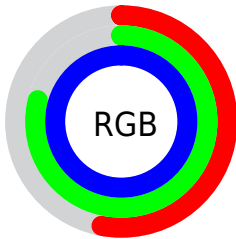
Format	Color
R _Y B	136, 178, 255
Decimal	8964863
CIE Lab	78.87, -7.10, -32.47
CIE LCh	79, 33.240, 257.666
Yxy	54.6953, 0.2388, 0.2648
Android (android.graphics.Color)	4287154943 (0xFF88CAFF)
YUV	188.3080, 32.8792, -45.8741
Hunter-Lab	73.9563, -10.3734, -30.4303

Details

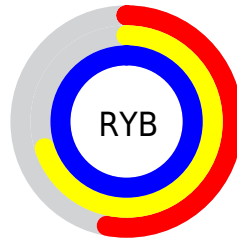
The Yxy color **54.6953, 0.2388, 0.2648** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.4351, 0.4128, 0.3841**, and the grayscale version is **50.3138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **26.8348, 0.2207, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **47.6747, 0.2241, 0.2479**, and if you desaturate by 10%, it is **62.6199, 0.2544, 0.2808**.

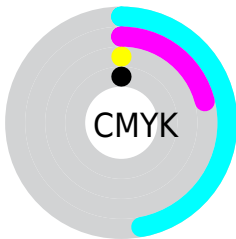
Distribution



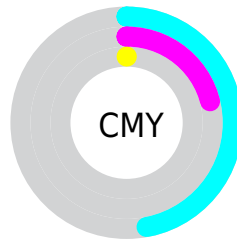
- Red (53%)
- Green (79%)
- Blue (100%)



- Red (53%)
- Yellow (70%)
- Blue (100%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6953, 0.2388, 0.2648 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 54.6953, 0.2388, 0.2648 by changing the saturation by 10% instead.

■ 54.6953, 0.2388,
0.2648

■ 54.6953, 0.2388,
0.2648

■ 404.7559, 0.2736,
0.2957

■ 39.1578, 0.2308,
0.2575

■ 97.0944, 0.2509,
0.2757

■ 26.8825, 0.2210,
0.2485

■ 124.7248, 0.2556,
0.2799

■ 17.4850, 0.2085,
0.2370

■ 157.1549, 0.2597,
0.2835

■ 10.5809, 0.1925,
0.2219

■ 194.7692, 0.2632,
0.2866

■ 5.7858, 0.1711,
0.2014

■ 237.9521, 0.2663,
0.2893

■ 2.7153, 0.1417,
0.1724

■ 287.0879, 0.2690,

■ 0.9849, 0.1004,

0.2917

0.1302

342.5610, 0.2714,
0.2938

0.0000, 0.0000,
0.0000

54.6953, 0.2388,
0.2648

54.6953, 0.2388,
0.2648

47.6747, 0.2241,
0.2479

62.6199, 0.2544,
0.2808

41.5071, 0.2109,
0.2305

71.4835, 0.2704,
0.2956

36.1444, 0.1995,
0.2129

81.3262, 0.2866,
0.3092

31.5289, 0.1903,
0.1955

92.1836, 0.3024,
0.3215

27.5903, 0.1835,
0.1788

99.9976, 0.3127,
0.3290

■ 26.3852, 0.1815,
0.1733

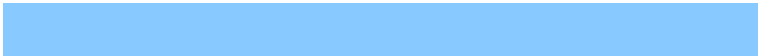
Harmonies

Analogous

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



54.6953, 0.2320, 0.2890



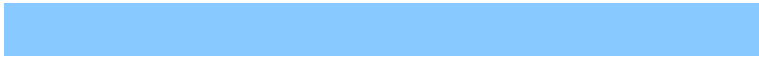
54.6953, 0.2388, 0.2648



54.6953, 0.2639, 0.2581

Triad

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



54.6953, 0.2388, 0.2648



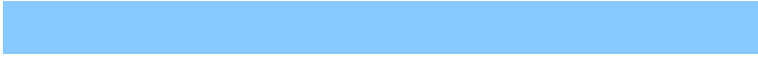
54.6953, 0.3849, 0.3238



54.6953, 0.3170, 0.4017

Complementary

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



54.6953, 0.2388, 0.2648



59.4351, 0.4128, 0.3841

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.



54.6953, 0.3595, 0.4077



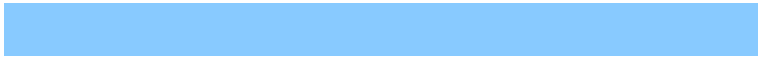
54.6953, 0.2388, 0.2648



54.6953, 0.4007, 0.3593

Square

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



54.6953, 0.2388, 0.2648



54.6953, 0.3483, 0.2914



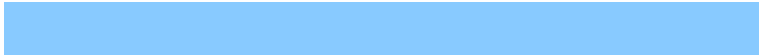
54.6953, 0.3907, 0.3904



54.6953, 0.2752, 0.3711

Rectangle

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



54.6953, 0.2388, 0.2648



54.6953, 0.2891, 0.2630



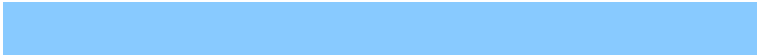
54.6953, 0.3907, 0.3904



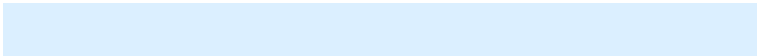
54.6953, 0.3317, 0.4067

Sweetspot

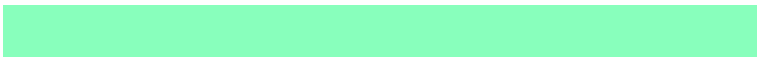
The Sweet Spot groups the original color and five complimentary colors.



54.6973, 0.2388, 0.2648



84.1175, 0.2908, 0.3126



80.3480, 0.2814, 0.4115



17.5194, 0.2873, 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.



54.6973, 0.2388, 0.2648



48.1120, 0.2250, 0.2490



32.3975, 0.2254, 0.1913



19.0484, 0.2979, 0.3181



14.0940, 0.1822, 0.1760



1.5904, 0.1875, 0.1949

Inverse Universe

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



43.1410, 0.3682, 0.2617



36.6715, 0.3849, 0.2498



89.5755, 0.3852, 0.4370



18.1557, 0.3207, 0.3159



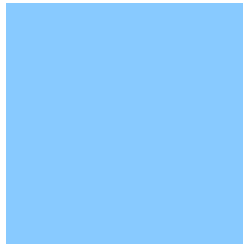
12.1508, 0.4733, 0.2381



1.2051, 0.4511, 0.2259

Previews

White Background



This preview shows how the Yxy color 54.6953, 0.2388, 0.2648 looks on a white background.

Color Contrast Check

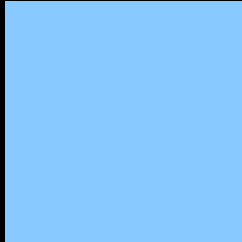
Large Text (above 18pt) WCAG AA × Fail

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 54.6953, 0.2388, 0.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

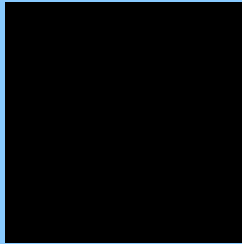
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

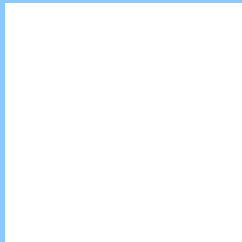
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6953, 0.2388, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 54.6953, 0.2388, 0.2648.

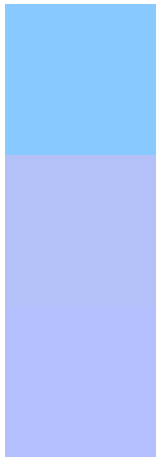


This preview shows how white text looks on a background with the Yxy color 54.6953, 0.2388, 0.2648.

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

54.6953, 0.2388, 0.2648

Protanopia

54.1799, 0.2662, 0.2641

Deuteranopia

54.1849, 0.2620, 0.2558



Tritanopia

54.5195, 0.2505, 0.3067

Trichromacy



Original Color

54.6953, 0.2388, 0.2648

Protanomaly

54.3374, 0.2549, 0.2640

Deuteranomaly

54.1427, 0.2526, 0.2587

Tritanomaly

54.4066, 0.2460, 0.2908

Monochromacy



Original Color

54.6953, 0.2388, 0.2648

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3284, 0.2811, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6953, 0.2388, 0.2648 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, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 202, 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, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.6953, 0.2388, 0.2648 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, 202, 255) }
```

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

```
.border{ border-color:rgb(136, 202, 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, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(136, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6953, 0.2388, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 202, 255) }
```

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

```
.background{ background-color: rgb(136,  
202, 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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