

Converting Colors

$Yxy(54.4861, 0.2127, 0.2726)$

Have a look what the booklet for
Yxy(54.4861, 0.2127, 0.2726)
contains.

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Color

Yxy(54.3894, 0.2126, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	2ED3FF
RGB	46, 211, 255
RGB Percent	18%, 83%, 100%
CMY	0.8206, 0.1725, 0.0000
CMYK	0.82, 0.17, 0.00, 0.00
HSL	193°, 100%, 59%
HSV	193°, 82%, 100%
XYZ	42.4649, 54.3894, 102.8864
YIQ	166.6810, -112.4640, -21.2960

Conversions

Conversions Part 2

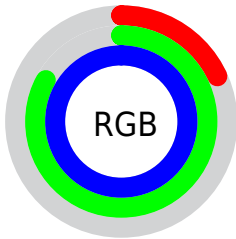
Format	Color
R _Y B	46, 138, 255
Decimal	3068927
CIE Lab	78.69, -25.90, -33.00
CIE LCh	79, 41.953, 231.875
Yxy	54.3894, 0.2126, 0.2723
Android (android.graphics.Color)	4281259007 (0xFF2ED3FF)
YUV	166.6810, 43.5413, -105.8372
Hunter-Lab	73.7492, -26.2805, -31.0902

Details

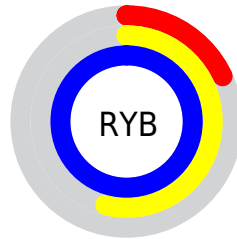
The Yxy color **54.3894, 0.2126, 0.2723** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **28.7238, 0.5685, 0.3600**, and the grayscale version is **38.2716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3292, 0.2475, 0.3288**, and **27.8542, 0.2053, 0.2589** is the 20% darker color. If you saturate the color by 10%, you get **51.3466, 0.2078, 0.2646**, and if you desaturate by 10%, it is **57.8722, 0.2194, 0.2801**.

Distribution



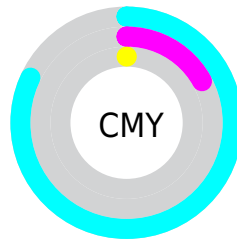
- Red (18%)
- Green (83%)
- Blue (100%)



- Red (18%)
- Yellow (54%)
- Blue (100%)



- Cyan (82%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (82%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3894, 0.2126, 0.2723 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 54.3894, 0.2126, 0.2723 by changing the saturation by 10% instead.


 54.3894, 0.2126,
0.2723


 54.3894, 0.2126,
0.2723


403.5932, 0.2589,
0.3008


 38.9131, 0.2022,
0.2653


 96.6458, 0.2285,
0.2826


 26.6921, 0.1896,
0.2565


 124.1946, 0.2348,
0.2865

 17.3421, 0.1739,
0.2452


 156.5363, 0.2402,
0.2898

 10.4787, 0.1541,
0.2299

 194.0554, 0.2449,
0.2926

 5.7175, 0.1287,
0.2088

237.1363, 0.2490,
0.2951

 2.6741, 0.0958,
0.1784

286.1632, 0.2527,

 0.9640, 0.0396,

0.2972

0.1354

341.5208, 0.2560,
0.2991

■ 0.0000, 0.0000,
0.0000

■ 54.3894, 0.2126,
0.2723

■ 54.3894, 0.2126,
0.2723

■ 51.3466, 0.2078,
0.2646

■ 57.8722, 0.2194,
0.2801

■ 49.1774, 0.2051,
0.2585

■ 61.8489, 0.2281,
0.2879

■ 66.3657, 0.2387,
0.2955

■ 71.4624, 0.2509,
0.3029

■ 77.1745, 0.2644,
0.3099

■ 83.5347, 0.2789,
0.3164

■ 90.5727, 0.2940,
0.3224

■ 98.3164, 0.3095,
0.3279

■ 100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



54.3894, 0.2244, 0.3189



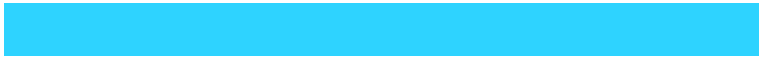
54.3894, 0.2126, 0.2723



54.3894, 0.2241, 0.2464

Triad

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



54.3894, 0.2126, 0.2723



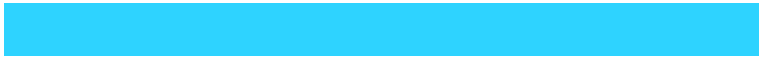
54.3894, 0.3650, 0.2871



54.3894, 0.3634, 0.4299

Complementary

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



54.3894, 0.2126, 0.2723



28.7238, 0.5685, 0.3600

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.



54.3894, 0.4061, 0.4092



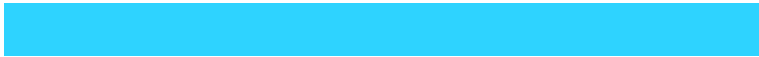
54.3894, 0.2126, 0.2723



54.3894, 0.4090, 0.3274

Square

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



54.3894, 0.2126, 0.2723



54.3894, 0.3082, 0.2568



54.3894, 0.4240, 0.3709



54.3894, 0.3093, 0.4190

Rectangle

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



54.3894, 0.2126, 0.2723



54.3894, 0.2441, 0.2412



54.3894, 0.4240, 0.3709



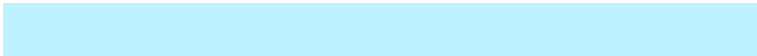
54.3894, 0.3796, 0.4259

Sweetspot

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



54.3898, 0.2126, 0.2723



81.5944, 0.2746, 0.3145



72.7931, 0.2913, 0.5491



16.9848, 0.2695, 0.3122



0.0000, 0.0000, 0.0000



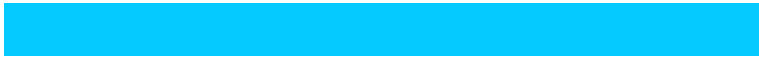
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3898, 0.2126, 0.2723



49.7133, 0.2058, 0.2600



18.6317, 0.1754, 0.1330



19.7949, 0.2980, 0.3239



25.9206, 0.2055, 0.2598



2.6785, 0.2079, 0.2686

Inverse Universe

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



27.8985, 0.3695, 0.1910



25.6571, 0.3823, 0.1886



59.2538, 0.4639, 0.4534



18.2311, 0.3170, 0.3104



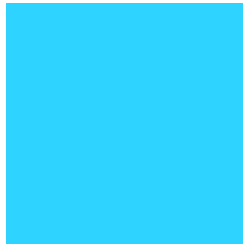
13.3447, 0.3826, 0.1881



1.3149, 0.3742, 0.1835

Previews

White Background



This preview shows how the Yxy color 54.3894, 0.2126, 0.2723 looks on a white background.

Color Contrast Check

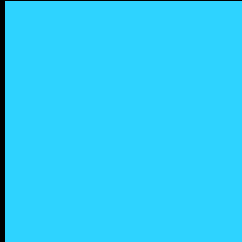
Large Text (above 18pt) WCAG AA × Fail

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 54.3894, 0.2126, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

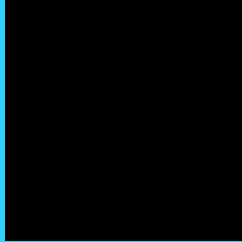
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3894, 0.2126, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 54.3894, 0.2126, 0.2723.



This preview shows how white text looks on a background with the Yxy color 54.3894, 0.2126, 0.2723.

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

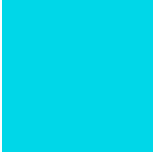
54.3894, 0.2126, 0.2723

Protanopia

53.4362, 0.2709, 0.2703

Deuteranopia

53.7117, 0.2594, 0.2553



Tritanopia

54.4271, 0.2182, 0.3056

Trichromacy



Original Color

54.3894, 0.2126, 0.2723



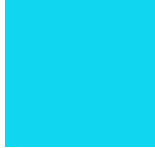
Protanomaly

51.9475, 0.2400, 0.2691



Deuteranomaly

52.2753, 0.2344, 0.2591



Tritanomaly

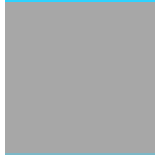
54.5036, 0.2158, 0.2940

Monochromacy



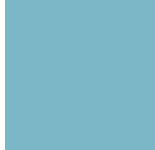
Original Color

54.3894, 0.2126, 0.2723



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

42.2014, 0.2567, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3894, 0.2126, 0.2723 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(46, 211, 255)` looks like.

```
.text, #text, p{  
  color:rgb(46, 211, 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(46, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.3894, 0.2126, 0.2723 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(46, 211, 255) }
```

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

```
.border{ border-color:rgb(46, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(46, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3894, 0.2126, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 211, 255) }
```

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

```
.background{ background-color: rgb(46, 211,  
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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