

Converting Colors

$Y_{xy}(54.5609, 0.2146, 0.2759)$

Have a look what the booklet for
Yxy(54.5609, 0.2146, 0.2759)
contains.

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Color

Yxy(54.3469, 0.2146, 0.2759)

Conversions

Conversions Part 1

Format	Color
Hex	34D3FC
RGB	52, 211, 252
RGB Percent	20%, 83%, 99%
CMY	0.7970, 0.1725, 0.0117
CMYK	0.79, 0.16, 0.00, 0.01
HSL	192°, 97%, 60%
HSV	192°, 79%, 99%
XYZ	42.2720, 54.3469, 100.3615
YIQ	168.1330, -107.9250, -20.9570

Conversions

Conversions Part 2

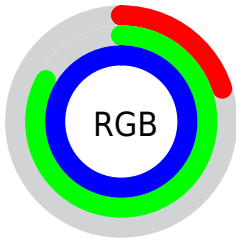
Format	Color
R_{YB}	52, 141, 252
Decimal	3462140
CIE _{Lab}	78.66, -26.37, -31.43
CIE _{LCh}	79, 41.028, 229.996
Yxy	54.3469, 0.2146, 0.2759
Android (android.graphics.Color)	4281652220 (0xFF34D3FC)
YUV	168.1330, 41.3464, -101.8486
Hunter-Lab	73.7203, -26.6569, -29.1121

Details

The Yxy color **54.3469, 0.2146, 0.2759** 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 **28.7276, 0.5596, 0.3600**, and the grayscale version is **39.0276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4858, 0.2482, 0.3288**, and **27.7171, 0.2065, 0.2632** is the 20% darker color. If you saturate the color by 10%, you get **51.3297, 0.2094, 0.2684**, and if you desaturate by 10%, it is **57.8061, 0.2218, 0.2835**.

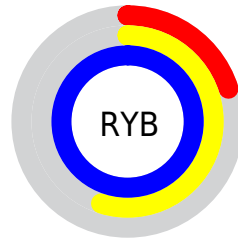
Distribution



Red (20%)

Green (83%)

Blue (99%)



Red (20%)

Yellow (55%)

Blue (99%)

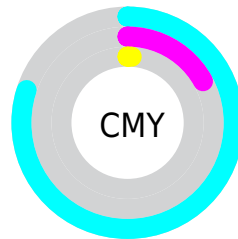


Cyan (79%)

Magenta (16%)

Yellow (0%)

Black (1%)



Cyan (80%)


Magenta (17%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3469, 0.2146, 0.2759 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 54.3469, 0.2146, 0.2759 by changing the saturation by 10% instead.

 54.3469, 0.2146,
0.2759


 54.3469, 0.2146,
0.2759


403.4315, 0.2601,
0.3027

 38.8791, 0.2044,
0.2693


 96.5834, 0.2303,
0.2856


 26.6657, 0.1919,
0.2609


 124.1209, 0.2364,
0.2893

 17.3223, 0.1764,
0.2501


 156.4503, 0.2417,
0.2924

 10.4645, 0.1567,
0.2354

 193.9562, 0.2463,
0.2950

 5.7080, 0.1314,
0.2150

237.0228, 0.2504,
0.2974

 2.6684, 0.0983,
0.1852

286.0347, 0.2540,

 0.9612, 0.0398,

0.2994

0.1428

341.3761, 0.2572,
0.3012

■ 0.0000, 0.0000,
0.0000

■ 54.3469, 0.2146,
0.2759

■ 54.3469, 0.2146,
0.2759

■ 51.3297, 0.2094,
0.2684

■ 57.8061, 0.2218,
0.2835

■ 48.6704, 0.2059,
0.2609

■ 61.7519, 0.2310,
0.2910

■ 48.5321, 0.2057,
0.2605

■ 66.2292, 0.2419,
0.2983

■ 71.2752, 0.2544,
0.3054

■ 76.9236, 0.2682,
0.3121

83.2052, 0.2828,
0.3183

90.1485, 0.2981,
0.3240

97.7800, 0.3136,
0.3293

99.8087, 0.3144,
0.3319

Harmonies

Analogous

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



54.3469, 0.2276, 0.3226



54.3469, 0.2146, 0.2759



54.3469, 0.2245, 0.2490

Triad

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



54.3469, 0.2146, 0.2759



54.3469, 0.3605, 0.2858



54.3469, 0.3656, 0.4272

Complementary

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



54.3469, 0.2146, 0.2759



28.7276, 0.5596, 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.



54.3469, 0.4061, 0.4057



54.3469, 0.2146, 0.2759



54.3469, 0.4049, 0.3249

Square

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



54.3469, 0.2146, 0.2759



54.3469, 0.3049, 0.2568



54.3469, 0.4216, 0.3676



54.3469, 0.3128, 0.4186

Rectangle

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



54.3469, 0.2146, 0.2759



54.3469, 0.2433, 0.2430



54.3469, 0.4216, 0.3676



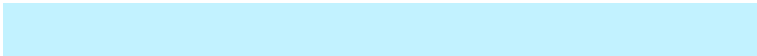
54.3469, 0.3811, 0.4228

Sweetspot

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



54.3488, 0.2146, 0.2759



82.4487, 0.2761, 0.3155



71.1178, 0.2910, 0.5427



17.1618, 0.2709, 0.3133



0.0000, 0.0000, 0.0000



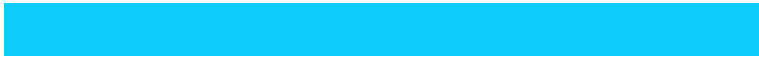
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3488, 0.2146, 0.2759



51.1633, 0.2073, 0.2642



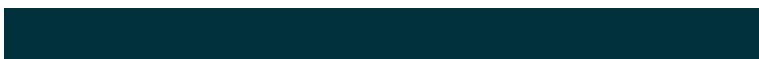
19.3044, 0.1786, 0.1393



18.9697, 0.2980, 0.3240



25.4971, 0.2061, 0.2618



2.5084, 0.2085, 0.2707

Inverse Universe

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



27.8353, 0.3659, 0.1917



25.9692, 0.3782, 0.1873



58.6122, 0.4598, 0.4522



17.4601, 0.3169, 0.3103



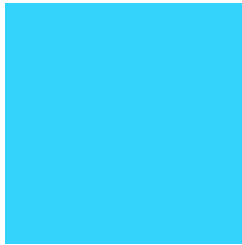
12.9848, 0.3807, 0.1871



1.2175, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 54.3469, 0.2146, 0.2759 looks on a white background.

Color Contrast Check

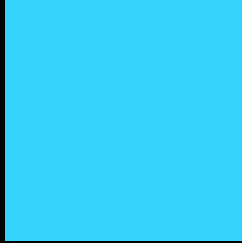
Large Text (above 18pt) WCAG AA × Fail

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 54.3469, 0.2146, 0.2759 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 54.3469, 0.2146, 0.2759

Background



This preview shows how black text looks on a background with the Yxy color 54.3469, 0.2146, 0.2759.



This preview shows how white text looks on a background with the Yxy color 54.3469, 0.2146, 0.2759.

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

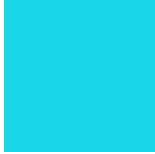
54.3469, 0.2146, 0.2759

Protanopia

53.3797, 0.2735, 0.2736

Deuteranopia

53.3940, 0.2599, 0.2542



Tritanopia

54.1260, 0.2193, 0.3043

Trichromacy



Original Color

54.3469, 0.2146, 0.2759



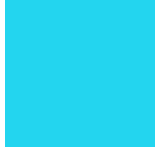
Protanomaly

52.0101, 0.2430, 0.2726



Deuteranomaly

52.3692, 0.2358, 0.2603



Tritanomaly

54.1778, 0.2175, 0.2940

Monochromacy



Original Color

54.3469, 0.2146, 0.2759



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

42.8401, 0.2588, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3469, 0.2146, 0.2759 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(52, 211, 252)` looks like.

```
.text, #text, p{  
    color:rgb(52, 211, 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(52, 211, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 211, 252) }
```

Border

The CSS property to change the border of an element to Yxy 54.3469, 0.2146, 0.2759 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(52, 211, 252) }
```

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

```
.border{ border-color:rgb(52, 211, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 211, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 211, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 211, 252);  
box-shadow:4px 4px 4px 4px rgb(52, 211,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3469, 0.2146, 0.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 211, 252) }
```

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

```
.background{ background-color: rgb(52, 211,  
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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