

Converting Colors

$Y_{xy}(53.7336, 0.2208, 0.2878)$

Have a look what the booklet for
Yxy(53.7336, 0.2208, 0.2878)
contains.

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Color

Yxy(53.5679, 0.2209, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	41D2F1
RGB	65, 210, 241
RGB Percent	25%, 82%, 95%
CMY	0.7453, 0.1764, 0.0549
CMYK	0.73, 0.13, 0.00, 0.05
HSL	191°, 86%, 60%
HSV	191°, 73%, 95%
XYZ	41.1016, 53.5679, 91.3948
YIQ	170.1790, -96.3710, -21.0990

Conversions

Conversions Part 2

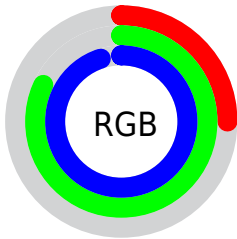
Format	Color
R _Y B	65, 145, 241
Decimal	4313841
CIE Lab	78.21, -27.97, -26.23
CIE LCh	78, 38.347, 223.163
Yxy	53.5679, 0.2209, 0.2879
Android (android.graphics.Color)	4282503921 (0xFF41D2F1)
YUV	170.1790, 34.9148, -92.2420
Hunter-Lab	73.1901, -27.8419, -22.8042

Details

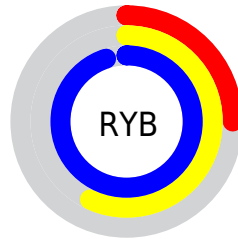
The Yxy color **53.5679, 0.2209, 0.2879** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **27.4410, 0.5381, 0.3566**, and the grayscale version is **40.1466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9742, 0.2505, 0.3288**, and **26.9455, 0.2102, 0.2765** is the 20% darker color. If you saturate the color by 10%, you get **50.8480, 0.2148, 0.2815**, and if you desaturate by 10%, it is **56.6977, 0.2290, 0.2943**.

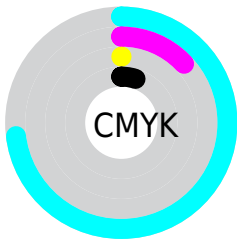
Distribution



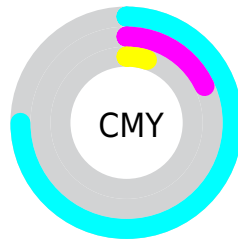
- Red (25%)
- Green (82%)
- Blue (95%)



- Red (25%)
- Yellow (57%)
- Blue (95%)



- Cyan (73%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)




- Cyan (75%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5679, 0.2209, 0.2879 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 53.5679, 0.2209, 0.2879 by changing the saturation by 10% instead.


 53.5679, 0.2209,
0.2879


 53.5679, 0.2209,
0.2879

400.4601, 0.2638,
0.3091


 38.2563, 0.2111,
0.2825

 95.4395, 0.2358,
0.2957


 26.1817, 0.1991,
0.2757


 122.7683, 0.2416,
0.2986

 16.9596, 0.1841,
0.2666

 154.8717, 0.2466,
0.3010

 10.2057, 0.1648,
0.2541

 192.1339, 0.2509,
0.3031

 5.5356, 0.1394,
0.2361

234.9395, 0.2548,
0.3049

 2.5648, 0.1056,
0.2088

283.6728, 0.2581,

 0.9090, 0.0337,

0.3065

0.1695

338.7182, 0.2611,
0.3079

■ 0.0000, 0.0000,
0.0000

■ 53.5679, 0.2209,
0.2879

■ 53.5679, 0.2209,
0.2879

■ 50.8480, 0.2148,
0.2815

■ 56.6977, 0.2290,
0.2943

■ 48.4837, 0.2106,
0.2751


■ 60.2717, 0.2389,
0.3006

■ 46.9993, 0.2086,
0.2708

■ 64.3267, 0.2506,
0.3067

■ 68.8936, 0.2636,
0.3125

■ 74.0007, 0.2777,
0.3180

 79.6739, 0.2926,
0.3230

 85.9374, 0.3080,
0.3277

 92.2857, 0.3217,
0.3319

 94.8684, 0.3214,
0.3360

Harmonies

Analogous

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



53.5679, 0.2384, 0.3349



53.5679, 0.2209, 0.2879



53.5679, 0.2254, 0.2577

Triad

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



53.5679, 0.2209, 0.2879



53.5679, 0.3461, 0.2809



53.5679, 0.3729, 0.4188

Complementary

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



53.5679, 0.2209, 0.2879



27.4410, 0.5381, 0.3566

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.



53.5679, 0.4065, 0.3944



53.5679, 0.2209, 0.2879



53.5679, 0.3916, 0.3165

Square

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



53.5679, 0.2209, 0.2879



53.5679, 0.2940, 0.2564



53.5679, 0.4142, 0.3568



53.5679, 0.3247, 0.4174

Rectangle

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



53.5679, 0.2209, 0.2879



53.5679, 0.2402, 0.2488



53.5679, 0.4142, 0.3568



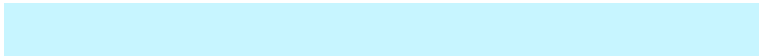
53.5679, 0.3864, 0.4129

Sweetspot

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



53.5698, 0.2209, 0.2879



84.7270, 0.2792, 0.3185



64.8492, 0.2928, 0.5324



17.7800, 0.2752, 0.3170



0.0000, 0.0000, 0.0000



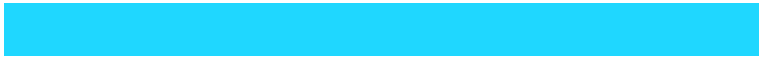
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5698, 0.2209, 0.2879



56.3545, 0.2124, 0.2782



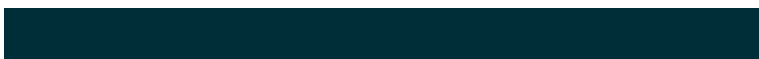
21.7994, 0.1894, 0.1638



17.4277, 0.2981, 0.3247



25.6646, 0.2088, 0.2718



2.2579, 0.2112, 0.2801

Inverse Universe

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



27.1311, 0.3544, 0.1931



27.1506, 0.3647, 0.1832



52.6712, 0.4539, 0.4426



15.9808, 0.3165, 0.3098



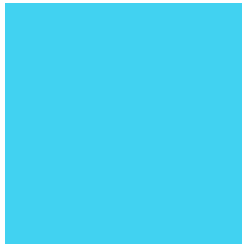
12.3842, 0.3711, 0.1818



1.0426, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 53.5679, 0.2209, 0.2879 looks on a white background.

Color Contrast Check

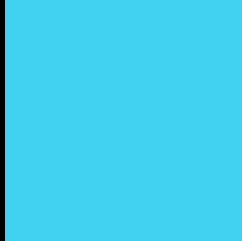
Large Text (above 18pt) WCAG AA × Fail

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 53.5679, 0.2209, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

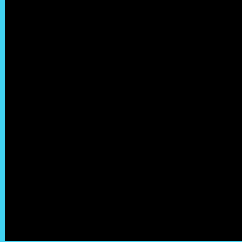
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5679, 0.2209, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 53.5679, 0.2209, 0.2879.



This preview shows how white text looks on a background with the Yxy color 53.5679, 0.2209, 0.2879.

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

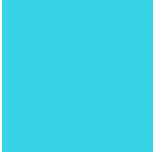
53.5679, 0.2209, 0.2879

Protanopia

52.5633, 0.2818, 0.2846

Deuteranopia

52.5653, 0.2682, 0.2616



Tritanopia

53.5849, 0.2243, 0.3057

Trichromacy



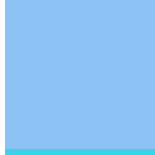
Original Color

53.5679, 0.2209, 0.2879



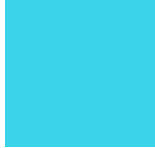
Protanomaly

51.4214, 0.2517, 0.2844



Deuteranomaly

51.5005, 0.2442, 0.2692



Tritanomaly

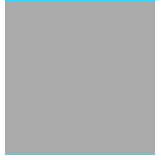
53.4015, 0.2230, 0.2992

Monochromacy



Original Color

53.5679, 0.2209, 0.2879



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

43.5890, 0.2647, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5679, 0.2209, 0.2879 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(65, 210, 241)` looks like.

```
.text, #text, p{  
    color:rgb(65, 210, 241)  
}
```

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(65, 210, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 210, 241) }
```

Border

The CSS property to change the border of an element to Yxy 53.5679, 0.2209, 0.2879 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(65, 210, 241) }
```

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

```
.border{ border-color:rgb(65, 210, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 210, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 210, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 210, 241);  
box-shadow:4px 4px 4px 4px rgb(65, 210,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5679, 0.2209, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 210, 241) }
```

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

```
.background{ background-color: rgb(65, 210,  
241) }
```

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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