

Converting Colors

$Yxy(58.6389, 0.2269, 0.2885)$

Have a look what the booklet for
Yxy(58.6389, 0.2269, 0.2885)
contains.

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Color

Yxy(58.6389, 0.2269, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	5AD9F9
RGB	90, 217, 249
RGB Percent	35%, 85%, 98%
CMY	0.6474, 0.1490, 0.0236
CMYK	0.64, 0.13, 0.00, 0.02
HSL	192°, 93%, 66%
HSV	192°, 64%, 98%
XYZ	46.1184, 58.6389, 98.4971
YIQ	182.6750, -85.9640, -16.9720

Conversions

Conversions Part 2

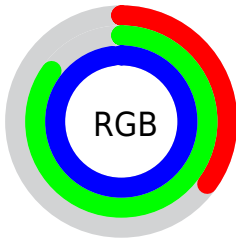
Format	Color
R_{YB}	90, 161, 249
Decimal	5954041
CIE _{Lab}	81.09, -25.60, -26.03
CIE _{LCh}	81, 36.509, 225.469
Yxy	58.6389, 0.2269, 0.2885
Android (android.graphics.Color)	4284144121 (0xFF5AD9F9)
YUV	182.6750, 32.6982, -81.2760
Hunter-Lab	76.5760, -26.5053, -22.6594

Details

The Yxy color **58.6389, 0.2269, 0.2885** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **34.7611, 0.4961, 0.3604**, and the grayscale version is **47.0067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7086, 0.2583, 0.3288**, and **29.6464, 0.2107, 0.2784** is the 20% darker color. If you saturate the color by 10%, you get **55.0554, 0.2186, 0.2811**, and if you desaturate by 10%, it is **62.7227, 0.2370, 0.2958**.

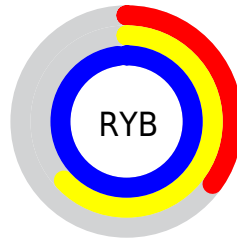
Distribution



Red (35%)

Green (85%)

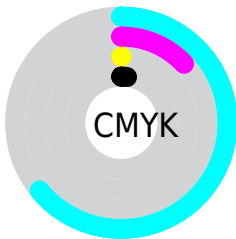
Blue (98%)



Red (35%)

Yellow (63%)

Blue (98%)

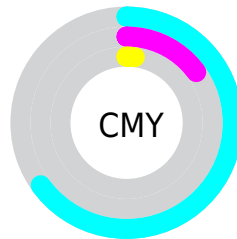


Cyan (64%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (65%)


Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6389, 0.2269, 0.2885 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 58.6389, 0.2269, 0.2885 by changing the saturation by 10% instead.


 58.6389, 0.2269,
0.2885


 58.6389, 0.2269,
0.2885

419.5624, 0.2665,
0.3089


 42.3225, 0.2180,
0.2835


 102.8527, 0.2406,
0.2959


 29.3539, 0.2071,
0.2771


 131.5188, 0.2459,
0.2987

 19.3487, 0.1934,
0.2687


 165.0703, 0.2505,
0.3010

 11.9225, 0.1760,
0.2574

 203.8916, 0.2546,
0.3031

 6.6909, 0.1531,
0.2415

248.3671, 0.2581,
0.3048

 3.2696, 0.1225,
0.2176

298.8811, 0.2612,

 1.2740, 0.0769,

0.3064

0.1806

355.8181, 0.2640,
0.3077

■ 0.1210, 0.0000,
0.0494

■ 0.0000, 0.0000,
0.0000

■ 58.6389, 0.2269,
0.2885

■ 58.6389, 0.2269,
0.2885

■ 55.0554, 0.2186,
0.2811

■ 62.7227, 0.2370,
0.2958

■ 51.9214, 0.2124,
0.2737

■ 67.3386, 0.2489,
0.3028

■ 49.1851, 0.2080,
0.2663

■ 72.5230, 0.2620,
0.3095

■ 47.6618, 0.2061,
0.2619

■ 78.3068, 0.2763,
0.3159

84.7186, 0.2913,
0.3217

91.7848, 0.3067,
0.3271

97.7453, 0.3164,
0.3319

99.6186, 0.3162,
0.3347

Harmonies

Analogous

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



58.6389, 0.2418, 0.3311



58.6389, 0.2269, 0.2885



58.6389, 0.2326, 0.2615

Triad

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



58.6389, 0.2269, 0.2885



58.6389, 0.3474, 0.2866



58.6389, 0.3657, 0.4129

Complementary

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



58.6389, 0.2269, 0.2885



34.7611, 0.4961, 0.3604

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.



58.6389, 0.3979, 0.3923



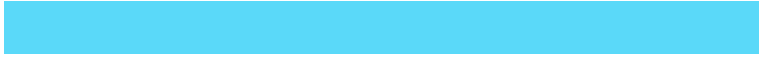
58.6389, 0.2269, 0.2885



58.6389, 0.3880, 0.3205

Square

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



58.6389, 0.2269, 0.2885



58.6389, 0.2991, 0.2626



58.6389, 0.4069, 0.3582



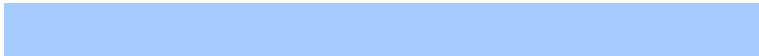
58.6389, 0.3205, 0.4089

Rectangle

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



58.6389, 0.2269, 0.2885



58.6389, 0.2475, 0.2540



58.6389, 0.4069, 0.3582



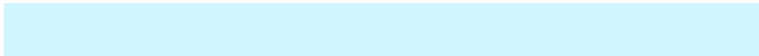
58.6389, 0.3784, 0.4083

Sweetspot

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



58.6411, 0.2269, 0.2885



85.8850, 0.2835, 0.3188



71.3091, 0.2912, 0.4994



17.9745, 0.2792, 0.3171



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.



58.6411, 0.2269, 0.2885



57.0161, 0.2164, 0.2787



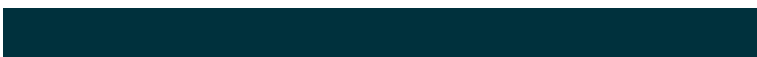
27.0774, 0.2014, 0.1797



18.9812, 0.2980, 0.3241



25.7231, 0.2064, 0.2631



2.5274, 0.2088, 0.2718

Inverse Universe

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



32.4433, 0.3525, 0.2071



29.2862, 0.3631, 0.1929



62.7682, 0.4321, 0.4386



17.4613, 0.3169, 0.3102



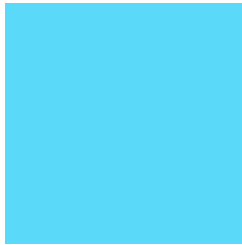
13.0077, 0.3794, 0.1864



1.2194, 0.3711, 0.1818

Previews

White Background



This preview shows how the Yxy color 58.6389, 0.2269, 0.2885 looks on a white background.

Color Contrast Check

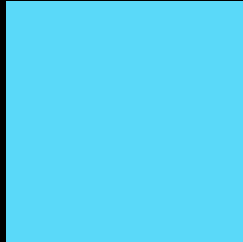
Large Text (above 18pt) WCAG AA × Fail

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 58.6389, 0.2269, 0.2885 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 58.6389, 0.2269, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 58.6389, 0.2269, 0.2885.



This preview shows how white text looks on a background with the Yxy color 58.6389, 0.2269, 0.2885.

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

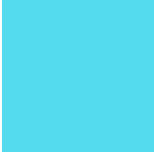
58.6389, 0.2269, 0.2885

Protanopia

57.6508, 0.2823, 0.2851

Deuteranopia

57.7120, 0.2704, 0.2640



Tritanopia

58.6623, 0.2305, 0.3055

Trichromacy



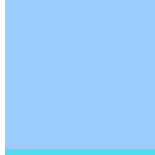
Original Color

58.6389, 0.2269, 0.2885



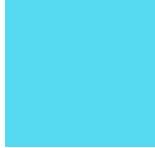
Protanomaly

56.9821, 0.2565, 0.2853



Deuteranomaly

57.0840, 0.2500, 0.2719



Tritanomaly

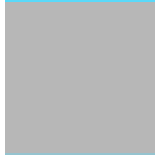
58.4721, 0.2292, 0.2992

Monochromacy



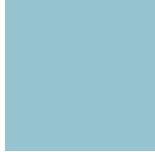
Original Color

58.6389, 0.2269, 0.2885



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.9248, 0.2707, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6389, 0.2269, 0.2885 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(90, 217, 249)` looks like.

```
.text, #text, p{  
    color:rgb(90, 217, 249)  
}
```

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(90, 217, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 217, 249) }
```

Border

The CSS property to change the border of an element to Yxy 58.6389, 0.2269, 0.2885 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(90, 217, 249) }
```

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

```
.border{ border-color:rgb(90, 217, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 217, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 217, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 217, 249);  
box-shadow:4px 4px 4px 4px rgb(90, 217,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6389, 0.2269, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 217, 249) }
```

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

```
.background{ background-color: rgb(90, 217,  
249) }
```

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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