

Converting Colors

$Yxy(51.4561, 0.2596, 0.3052)$

Have a look what the booklet for
Yxy(51.4561, 0.2596, 0.3052)
contains.

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Color

Yxy(51.4321, 0.2598, 0.3053)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8CC7D9 |
| RGB | 140, 199, 217 |
| RGB Percent | 55%, 78%, 85% |
| CMY | 0.4508, 0.2196, 0.1490 |
| CMYK | 0.35, 0.08, 0.00, 0.15 |
| HSL | 194°, 50%, 70% |
| HSV | 194°, 35%, 85% |
| XYZ | 43.7670, 51.4321, 73.2651 |
| YIQ | 183.4110, -40.9420, -6.9100 |

Conversions

Conversions Part 2

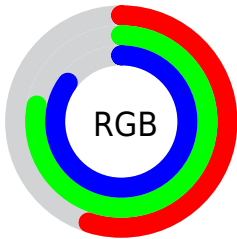
| Format | Color |
|-------------------------------------|---|
| RYB | 140, 173, 217 |
| Decimal | 9226201 |
| CIELab | 76.94, -14.50, -15.02 |
| CIELCh | 77, 20.872, 226.005 |
| Yxy | 51.4321, 0.2598, 0.3053 |
| Android (android.graphics.Color) | 4287416281 (0xFF8CC7D9) |
| YUV | 183.4110, 16.5594, -38.0714 |
| Hunter-Lab | 71.7162, -16.5682, -10.3692 |

Details

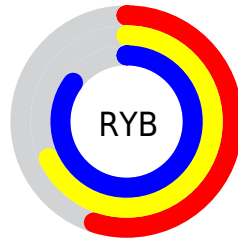
The Yxy color **51.4321, 0.2598, 0.3053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1129, 0.3894, 0.3512**, and the grayscale version is **47.5203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **24.8379, 0.2462, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **47.4338, 0.2465, 0.2974**, and if you desaturate by 10%, it is **55.8841, 0.2741, 0.3127**.

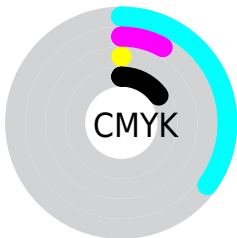
Distribution



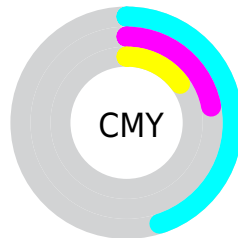
- Red (55%)
- Green (78%)
- Blue (85%)



- Red (55%)
- Yellow (68%)
- Blue (85%)



- Cyan (35%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)




- Cyan (45%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4321, 0.2598, 0.3053 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 51.4321, 0.2598, 0.3053 by changing the saturation by 10% instead.


 51.4321, 0.2598,
0.3053

 51.4321, 0.2598,
0.3053


392.2403, 0.2853,
0.3174

 36.5526, 0.2537,
0.3022


 92.2932, 0.2689,
0.3097

 24.8613, 0.2461,
0.2983


 119.0435, 0.2723,
0.3114

 15.9737, 0.2362,
0.2931


150.5197, 0.2753,
0.3128

 9.5056, 0.2230,
0.2857

187.1059, 0.2778,
0.3140

 5.0724, 0.2045,
0.2748

229.1867, 0.2801,
0.3150

 2.2898, 0.1769,
0.2571

277.1464, 0.2820,

 0.7683, 0.1121,

0.3159

0.2289

331.3695, 0.2838,
0.3167

0.0000, 0.0000,
0.0000

51.4321, 0.2598,
0.3053

51.4321, 0.2598,
0.3053

47.4338, 0.2465,
0.2974

55.8841, 0.2741,
0.3127

43.8603, 0.2346,
0.2892

60.8047, 0.2890,
0.3196

40.6888, 0.2243,
0.2806

66.2152, 0.3043,
0.3258

37.8911, 0.2158,
0.2720

72.1339, 0.3197,
0.3315

35.4347, 0.2093,
0.2633

78.5779, 0.3349,
0.3366

■ 33.2797, 0.2047,
0.2546

■ 82.5586, 0.3388,
0.3415

■ 32.3706, 0.2030,
0.2508

■ 85.4161, 0.3381,
0.3465

■ 88.3564, 0.3373,
0.3515

■ 91.3802, 0.3366,
0.3564

Harmonies

Analogous

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



51.4321, 0.2693, 0.3306



51.4321, 0.2598, 0.3053



51.4321, 0.2636, 0.2881

Triad

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



51.4321, 0.2598, 0.3053



51.4321, 0.3343, 0.3033



51.4321, 0.3449, 0.3789

Complementary

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



51.4321, 0.2598, 0.3053



41.1129, 0.3894, 0.3512

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.



51.4321, 0.3638, 0.3686



51.4321, 0.2598, 0.3053



51.4321, 0.3578, 0.3251

Square

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



51.4321, 0.2598, 0.3053



51.4321, 0.3056, 0.2879



51.4321, 0.3687, 0.3487



51.4321, 0.3178, 0.3750

Rectangle

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



51.4321, 0.2598, 0.3053



51.4321, 0.2733, 0.2829



51.4321, 0.3687, 0.3487



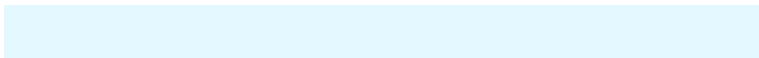
51.4321, 0.3524, 0.3769

Sweetspot

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



51.4341, 0.2598, 0.3053



90.9479, 0.2957, 0.3224



57.6725, 0.2970, 0.4097



19.2410, 0.2936, 0.3215



0.0000, 0.0000, 0.0000



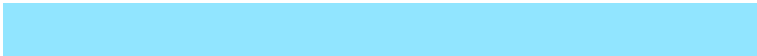
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4341, 0.2598, 0.3053



69.5056, 0.2492, 0.2991



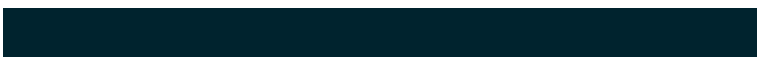
35.9245, 0.2525, 0.2519



14.2863, 0.2982, 0.3234



19.7643, 0.2033, 0.2520



1.4082, 0.2072, 0.2660

Inverse Universe

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



37.6418, 0.3338, 0.2601



47.2948, 0.3400, 0.2451



56.3411, 0.3735, 0.3956



13.2200, 0.3173, 0.3113



10.6190, 0.3902, 0.1923



0.7008, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 51.4321, 0.2598, 0.3053 looks on a white background.

Color Contrast Check

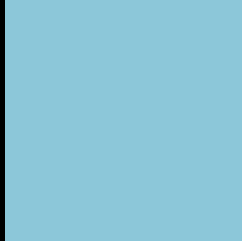
Large Text (above 18pt) WCAG AA × Fail

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 51.4321, 0.2598, 0.3053 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 51.4321, 0.2598, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 51.4321, 0.2598, 0.3053.



This preview shows how white text looks on a background with the Yxy color 51.4321, 0.2598, 0.3053.

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

51.4321, 0.2598, 0.3053

Protanopia

51.0587, 0.2948, 0.3019

Deuteranopia

51.2027, 0.2931, 0.2872



Tritanopia

51.3286, 0.2609, 0.3078

Trichromacy



Original Color

51.4321, 0.2598, 0.3053

Protanomaly

50.9384, 0.2803, 0.3024

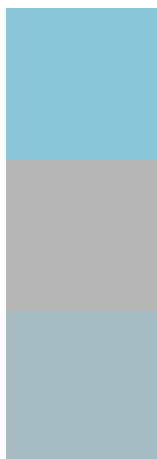
Deuteranomaly

50.9401, 0.2798, 0.2930

Tritanomaly

51.3802, 0.2603, 0.3066

Monochromacy



Original Color

51.4321, 0.2598, 0.3053

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.5508, 0.2909, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4321, 0.2598, 0.3053 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(140, 199, 217)` looks like.

```
.text, #text, p{  
    color:rgb(140, 199, 217)  
}
```

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(140, 199, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 199, 217) }
```

Border

The CSS property to change the border of an element to Yxy 51.4321, 0.2598, 0.3053 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(140, 199, 217) }
```

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

```
.border{ border-color:rgb(140, 199, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 199, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 199, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 199, 217);  
box-shadow:4px 4px 4px 4px rgb(140, 199,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4321, 0.2598, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 199, 217) }
```

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

```
.background{ background-color: rgb(140,  
199, 217) }
```

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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