

Converting Colors

$Yxy(49.3196, 0.2580, 0.2981)$

Have a look what the booklet for
Yxy(49.3196, 0.2580, 0.2981)
contains.

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Color

Yxy(49.1345, 0.2577, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	8BC2DA
RGB	139, 194, 218
RGB Percent	55%, 76%, 85%
CMY	0.4547, 0.2393, 0.1450
CMYK	0.36, 0.11, 0.00, 0.14
HSL	198°, 52%, 70%
HSV	198°, 36%, 86%
XYZ	42.6042, 49.1345, 73.5860
YIQ	180.2910, -40.4840, -4.1960

Conversions

Conversions Part 2

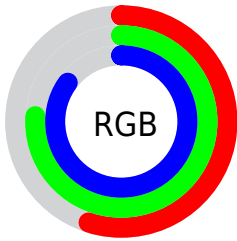
Format	Color
RYB	139, 171, 218
Decimal	9159386
CIELab	75.53, -11.89, -17.69
CIELCh	76, 21.319, 236.096
Yxy	49.1345, 0.2577, 0.2972
Android (android.graphics.Color)	4287349466 (0xFF8BC2DA)
YUV	180.2910, 18.5905, -36.2122
Hunter-Lab	70.0960, -14.1762, -13.1748

Details

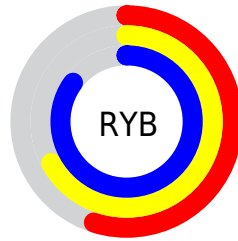
The Yxy color **49.1345, 0.2577, 0.2972** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0057, 0.3892, 0.3584**, and the grayscale version is **45.7288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8165, 0.2775, 0.3247**, and **23.3318, 0.2431, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **44.5535, 0.2438, 0.2867**, and if you desaturate by 10%, it is **54.2257, 0.2725, 0.3070**.

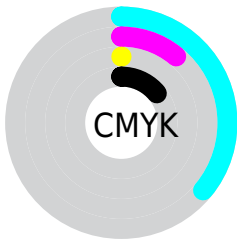
Distribution



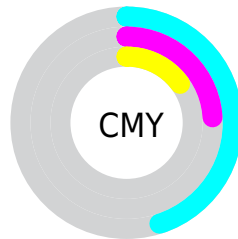
- Red (55%)
- Green (76%)
- Blue (85%)



- Red (55%)
- Yellow (67%)
- Blue (85%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (45%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1345, 0.2577, 0.2972 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 49.1345, 0.2577, 0.2972 by changing the saturation by 10% instead.

■ 49.1345, 0.2577,
0.2972

■ 49.1345, 0.2577,
0.2972

■ 383.2716, 0.2844,
0.3133

■ 34.7262, 0.2513,
0.2932

■ 88.8912, 0.2672,
0.3031

■ 23.4520, 0.2432,
0.2880

■ 115.0083, 0.2708,
0.3053

■ 14.9276, 0.2328,
0.2811

■ 145.7972, 0.2739,
0.3071

■ 8.7686, 0.2188,
0.2715

■ 181.6423, 0.2766,
0.3087

■ 4.5906, 0.1991,
0.2574

■ 222.9278, 0.2789,
0.3101

■ 2.0091, 0.1696,
0.2349

■ 270.0383, 0.2810,

■ 0.6128, 0.0928,

0.3113

0.1947

323.3581, 0.2828,
0.3124

0.0000, 0.0000,
0.0000

49.1345, 0.2577,
0.2972

49.1345, 0.2577,
0.2972

44.5535, 0.2438,
0.2867

54.2257, 0.2725,
0.3070

40.4527, 0.2310,
0.2757

59.8433, 0.2877,
0.3160

36.8077, 0.2198,
0.2643

66.0101, 0.3032,
0.3243

33.5886, 0.2104,
0.2527

72.7454, 0.3185,
0.3317

30.7612, 0.2030,
0.2411

80.0675, 0.3335,
0.3384

■ 28.2827, 0.1977,
0.2297

■ 85.0619, 0.3375,
0.3448

■ 27.4084, 0.1959,
0.2254

■ 88.9082, 0.3366,
0.3513

■ 92.8976, 0.3356,
0.3576

■ 97.0315, 0.3347,
0.3639

Harmonies

Analogous

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



49.1345, 0.2630, 0.3212



49.1345, 0.2577, 0.2972



49.1345, 0.2662, 0.2832

Triad

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



49.1345, 0.2577, 0.2972



49.1345, 0.3443, 0.3094



49.1345, 0.3371, 0.3812

Complementary

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



49.1345, 0.2577, 0.2972



43.0057, 0.3892, 0.3584

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.



49.1345, 0.3604, 0.3751



49.1345, 0.2577, 0.2972



49.1345, 0.3650, 0.3331

Square

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



49.1345, 0.2577, 0.2972



49.1345, 0.3153, 0.2909



49.1345, 0.3709, 0.3570



49.1345, 0.3080, 0.3719

Rectangle

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



49.1345, 0.2577, 0.2972



49.1345, 0.2789, 0.2806



49.1345, 0.3709, 0.3570



49.1345, 0.3459, 0.3808

Sweetspot

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



49.1364, 0.2577, 0.2972



89.7352, 0.2956, 0.3204



58.2868, 0.2936, 0.4043



18.9509, 0.2935, 0.3192



0.0000, 0.0000, 0.0000



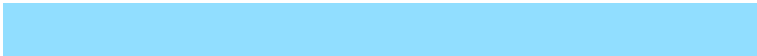
21.4041, 0.3127, 0.3290

Same Dimension

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



49.1364, 0.2577, 0.2972



65.3128, 0.2476, 0.2898



33.9523, 0.2501, 0.2425



14.1256, 0.2982, 0.3217



16.6138, 0.1964, 0.2270



1.2256, 0.2016, 0.2456

Inverse Universe

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



37.2875, 0.3400, 0.2647



46.8715, 0.3472, 0.2521



59.1267, 0.3729, 0.4026



13.2038, 0.3184, 0.3129



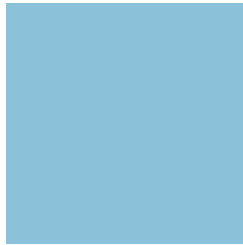
10.3009, 0.4157, 0.2064



0.6824, 0.3966, 0.1958

Previews

White Background



This preview shows how the Yxy color 49.1345, 0.2577, 0.2972 looks on a white background.

Color Contrast Check

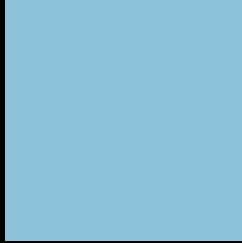
Large Text (above 18pt) WCAG AA × Fail

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 49.1345, 0.2577, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

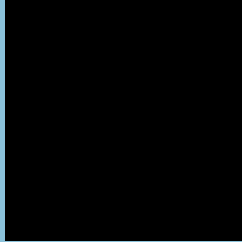
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1345, 0.2577, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 49.1345, 0.2577, 0.2972.



This preview shows how white text looks on a background with the Yxy color 49.1345, 0.2577, 0.2972.

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

49.1345, 0.2577, 0.2972

Protanopia

48.8079, 0.2901, 0.2953

Deuteranopia

48.7073, 0.2868, 0.2804



Tritanopia

49.0517, 0.2607, 0.3074

Trichromacy



Original Color

49.1345, 0.2577, 0.2972

Protanomaly

48.9285, 0.2772, 0.2958

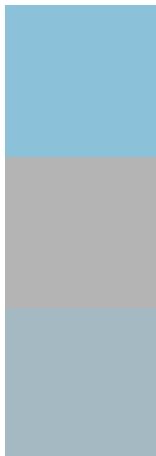
Deuteranomaly

48.7201, 0.2752, 0.2862

Tritanomaly

49.2885, 0.2596, 0.3036

Monochromacy



Original Color

49.1345, 0.2577, 0.2972

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.5923, 0.2899, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1345, 0.2577, 0.2972 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(139, 194, 218)` looks like.

```
.text, #text, p{  
    color:rgb(139, 194, 218)  
}
```

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(139, 194, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 194, 218) }
```

Border

The CSS property to change the border of an element to Yxy 49.1345, 0.2577, 0.2972 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(139, 194, 218) }
```

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

```
.border{ border-color:rgb(139, 194, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 194, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 194, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 194, 218);  
box-shadow:4px 4px 4px 4px rgb(139, 194,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1345, 0.2577, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 194, 218) }
```

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

```
.background{ background-color: rgb(139,  
194, 218) }
```

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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