

Converting Colors

Yxy(53.1348, 0.2611, 0.3099)

Have a look what the booklet for
Yxy(53.1348, 0.2611, 0.3099)
contains.

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Color

Yxy(52.9135, 0.2609, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	8DCAD9
RGB	141, 202, 217
RGB Percent	55%, 79%, 85%
CMY	0.4470, 0.2078, 0.1489
CMYK	0.35, 0.07, 0.00, 0.15
HSL	192°, 50%, 70%
HSV	192°, 35%, 85%
XYZ	44.6335, 52.9135, 73.5280
YIQ	185.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

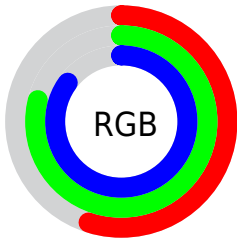
Format	Color
RYB	141, 175, 217
Decimal	9292505
CIELab	77.82, -15.78, -13.70
CIElCh	78, 20.895, 220.973
Yxy	52.9135, 0.2609, 0.3093
Android (android.graphics.Color)	4287482585 (0xFF8DCAD9)
YUV	185.4710, 15.5438, -39.0011
Hunter-Lab	72.7417, -17.7723, -9.0118

Details

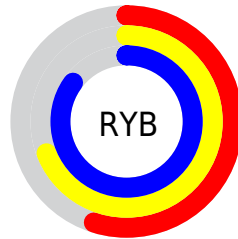
The Yxy color **52.9135, 0.2609, 0.3093** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4717, 0.3893, 0.3476**, and the grayscale version is **48.7234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **25.8147, 0.2478, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **49.2095, 0.2479, 0.3027**, and if you desaturate by 10%, it is **57.0505, 0.2749, 0.3155**.

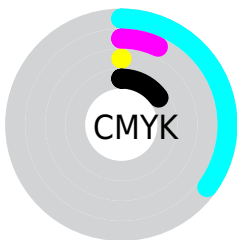
Distribution



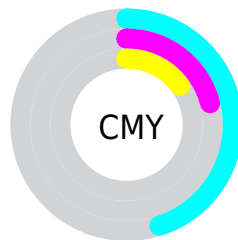
- Red (55%)
- Green (79%)
- Blue (85%)



- Red (55%)
- Yellow (69%)
- Blue (85%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)





- Cyan (45%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9135, 0.2609, 0.3093 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 52.9135, 0.2609, 0.3093 by changing the saturation by 10% instead.


 52.9135, 0.2609,
0.3093

 52.9135, 0.2609,
0.3093


397.9532, 0.2858,
0.3194

 37.7337, 0.2550,
0.3067


 94.4771, 0.2697,
0.3130

 25.7761, 0.2476,
0.3034


 121.6297, 0.2731,
0.3144

 16.6562, 0.2381,
0.2990


153.5420, 0.2760,
0.3155

 9.9897, 0.2253,
0.2928

190.5984, 0.2785,
0.3165

 5.3921, 0.2075,
0.2836

233.1833, 0.2806,
0.3174

 2.4791, 0.1810,
0.2685

281.6812, 0.2826,

 0.8662, 0.1237,

0.3181

0.2446

336.4763, 0.2843,
0.3188

0.0000, 0.0000,
0.0000

52.9135, 0.2609,
0.3093

52.9135, 0.2609,
0.3093

49.2095, 0.2479,
0.3027

57.0505, 0.2749,
0.3155

45.9098, 0.2364,
0.2958

61.6348, 0.2897,
0.3213

42.9921, 0.2265,
0.2887

66.6875, 0.3050,
0.3265

40.4285, 0.2185,
0.2815

72.2265, 0.3204,
0.3313

38.1872, 0.2124,
0.2743

78.2687, 0.3357,
0.3356

■ 36.2290, 0.2082,
0.2671

■ 81.6211, 0.3391,
0.3398

■ 35.3275, 0.2066,
0.2636

■ 84.0085, 0.3384,
0.3441

■ 86.4550, 0.3378,
0.3483

■ 88.9610, 0.3372,
0.3524

Harmonies

Analogous

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



52.9135, 0.2725, 0.3351



52.9135, 0.2609, 0.3093



52.9135, 0.2624, 0.2906

Triad

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



52.9135, 0.2609, 0.3093



52.9135, 0.3294, 0.3004



52.9135, 0.3485, 0.3777

Complementary

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



52.9135, 0.2609, 0.3093



40.4717, 0.3893, 0.3476

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.



52.9135, 0.3652, 0.3655



52.9135, 0.2609, 0.3093



52.9135, 0.3542, 0.3212

Square

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



52.9135, 0.2609, 0.3093



52.9135, 0.3010, 0.2865



52.9135, 0.3675, 0.3447



52.9135, 0.3225, 0.3763

Rectangle

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



52.9135, 0.2609, 0.3093



52.9135, 0.2707, 0.2840



52.9135, 0.3675, 0.3447



52.9135, 0.3554, 0.3749

Sweetspot

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



52.9156, 0.2609, 0.3093



91.5745, 0.2957, 0.3234



57.6710, 0.2995, 0.4140



19.3911, 0.2936, 0.3227



0.0000, 0.0000, 0.0000



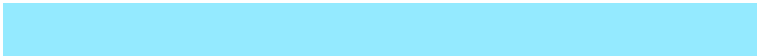
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9156, 0.2609, 0.3093



72.2501, 0.2513, 0.3045



37.6155, 0.2541, 0.2584



14.3692, 0.2982, 0.3243



21.5296, 0.2068, 0.2646



1.5086, 0.2101, 0.2763

Inverse Universe

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



38.0735, 0.3308, 0.2581



48.3387, 0.3357, 0.2435



54.8018, 0.3741, 0.3906



13.2284, 0.3168, 0.3104



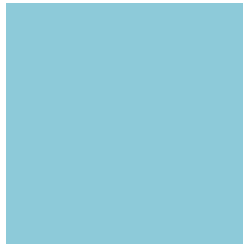
10.7972, 0.3780, 0.1856



0.7110, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 52.9135, 0.2609, 0.3093 looks on a white background.

Color Contrast Check

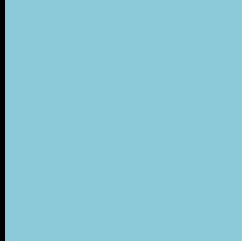
Large Text (above 18pt) WCAG AA × Fail

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 52.9135, 0.2609, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

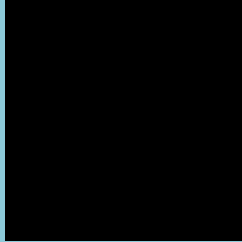
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9135, 0.2609, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 52.9135, 0.2609, 0.3093.



This preview shows how white text looks on a background with the Yxy color 52.9135, 0.2609, 0.3093.

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

52.9135, 0.2609, 0.3093

Protanopia

52.4272, 0.2980, 0.3046

Deuteranopia

52.5783, 0.2962, 0.2900



Tritanopia

52.9657, 0.2604, 0.3081

Trichromacy



Original Color

52.9135, 0.2609, 0.3093

Protanomaly

52.1583, 0.2826, 0.3051

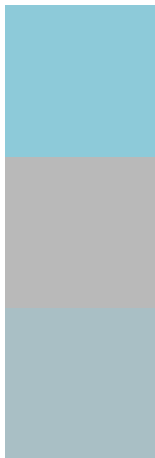
Deuteranomaly

52.1609, 0.2821, 0.2957

Tritanomaly

52.9657, 0.2604, 0.3081

Monochromacy



Original Color

52.9135, 0.2609, 0.3093

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.7278, 0.2911, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9135, 0.2609, 0.3093 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(141, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(141, 202, 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(141, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 202, 217) }
```

Border

The CSS property to change the border of an element to Yxy 52.9135, 0.2609, 0.3093 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(141, 202, 217) }
```

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

```
.border{ border-color:rgb(141, 202, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 202, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(141, 202,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9135, 0.2609, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 202, 217) }
```

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

```
.background{ background-color: rgb(141,  
202, 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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