

Converting Colors

Yxy(54.9639, 0.2593, 0.3132)

Have a look what the booklet for
Yxy(54.9639, 0.2593, 0.3132)
contains.

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Color

Yxy(55.1434, 0.2590, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	8ACFDB
RGB	138, 207, 219
RGB Percent	54%, 81%, 86%
CMY	0.4587, 0.1882, 0.1411
CMYK	0.37, 0.05, 0.00, 0.14
HSL	189°, 53%, 70%
HSV	189°, 37%, 86%
XYZ	45.5861, 55.1434, 75.2787
YIQ	187.7370, -44.9760, -10.8960

Conversions

Conversions Part 2

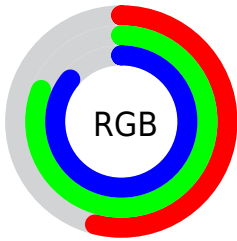
Format	Color
RYB	138, 175, 219
Decimal	9097179
CIELab	79.12, -18.63, -12.84
CIELCh	79, 22.630, 214.573
Yxy	55.1434, 0.2590, 0.3133
Android (android.graphics.Color)	4287287259 (0xFF8ACFDB)
YUV	187.7370, 15.4127, -43.6193
Hunter-Lab	74.2586, -20.3743, -8.1235

Details

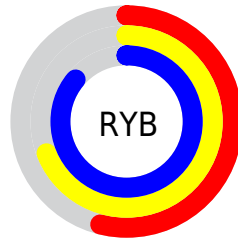
The Yxy color **55.1434, 0.2590, 0.3133** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7326, 0.3971, 0.3439**, and the grayscale version is **50.0675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **27.3018, 0.2455, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **51.9010, 0.2468, 0.3084**, and if you desaturate by 10%, it is **58.7993, 0.2725, 0.3180**.

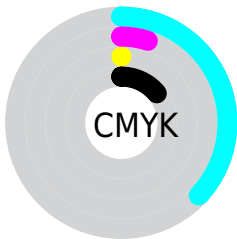
Distribution



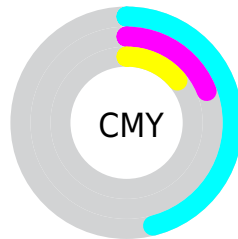
- Red (54%)
- Green (81%)
- Blue (86%)



- Red (54%)
- Yellow (69%)
- Blue (86%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)




- Cyan (46%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1434, 0.2590, 0.3133 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 55.1434, 0.2590, 0.3133 by changing the saturation by 10% instead.


 55.1434, 0.2590,
0.3133


 55.1434, 0.2590,
0.3133


406.4553, 0.2846,
0.3214


 39.5165, 0.2530,
0.3112


 97.7510, 0.2680,
0.3163

 27.1618, 0.2455,
0.3085


 125.5006, 0.2715,
0.3174

 17.6948, 0.2358,
0.3049


 158.0598, 0.2745,
0.3184

 10.7311, 0.2230,
0.2997

195.8132, 0.2770,
0.3192

 5.8863, 0.2052,
0.2920

239.1450, 0.2793,
0.3198

 2.7761, 0.1790,
0.2794

288.4397, 0.2813,

 1.0160, 0.1285,

0.3204

0.2584

344.0817, 0.2830,
0.3210

0.0000, 0.0000,
0.0000

55.1434, 0.2590,
0.3133

55.1434, 0.2590,
0.3133

51.9010, 0.2468,
0.3084

58.7993, 0.2725,
0.3180

49.0427, 0.2362,
0.3032

62.8834, 0.2869,
0.3224

46.5453, 0.2273,
0.2980

67.4172, 0.3020,
0.3264

44.3799, 0.2204,
0.2927

72.4192, 0.3174,
0.3301

42.5129, 0.2153,
0.2874

77.9064, 0.3329,
0.3334

■ 40.9005, 0.2121,
0.2822

■ 81.0518, 0.3379,
0.3366

■ 40.4413, 0.2113,
0.2806

■ 82.8437, 0.3374,
0.3398

■ 84.6694, 0.3370,
0.3430

■ 86.5290, 0.3365,
0.3462

Harmonies

Analogous

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



55.1434, 0.2740, 0.3416



55.1434, 0.2590, 0.3133



55.1434, 0.2576, 0.2913

Triad

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



55.1434, 0.2590, 0.3133



55.1434, 0.3241, 0.2947



55.1434, 0.3558, 0.3793

Complementary

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



55.1434, 0.2590, 0.3133



38.7326, 0.3971, 0.3439

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.



55.1434, 0.3708, 0.3636



55.1434, 0.2590, 0.3133



55.1434, 0.3522, 0.3155

Square

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



55.1434, 0.2590, 0.3133



55.1434, 0.2940, 0.2820



55.1434, 0.3696, 0.3403



55.1434, 0.3295, 0.3814

Rectangle

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



55.1434, 0.2590, 0.3133



55.1434, 0.2645, 0.2827



55.1434, 0.3696, 0.3403



55.1434, 0.3623, 0.3753

Sweetspot

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



55.1456, 0.2590, 0.3133



92.4328, 0.2957, 0.3248



58.2487, 0.3012, 0.4254



19.5968, 0.2936, 0.3242



0.0000, 0.0000, 0.0000



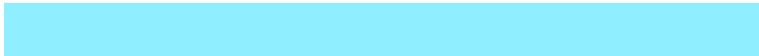
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1456, 0.2590, 0.3133



74.3843, 0.2499, 0.3097



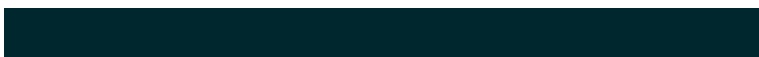
38.4266, 0.2513, 0.2594



14.4827, 0.2982, 0.3254



24.0997, 0.2115, 0.2814



1.6528, 0.2139, 0.2899

Inverse Universe

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



37.7543, 0.3282, 0.2500



47.0375, 0.3321, 0.2349



53.4374, 0.3798, 0.3896



13.2399, 0.3160, 0.3093



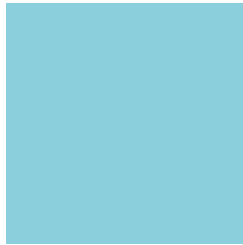
11.0566, 0.3622, 0.1769



0.7255, 0.3544, 0.1726

Previews

White Background



This preview shows how the Yxy color 55.1434, 0.2590, 0.3133 looks on a white background.

Color Contrast Check

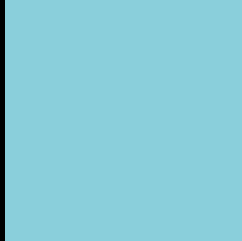
Large Text (above 18pt) WCAG AA × Fail

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 55.1434, 0.2590, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

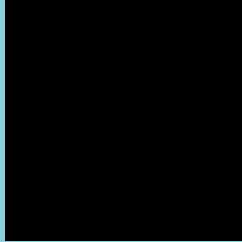
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1434, 0.2590, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 55.1434, 0.2590, 0.3133.



This preview shows how white text looks on a background with the Yxy color 55.1434, 0.2590, 0.3133.

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

55.1434, 0.2590, 0.3133

Protanopia

54.7561, 0.3004, 0.3086

Deuteranopia

54.5721, 0.2972, 0.2906



Tritanopia

54.9593, 0.2572, 0.3071

Trichromacy



Original Color

55.1434, 0.2590, 0.3133

Protanomaly

54.7006, 0.2838, 0.3103

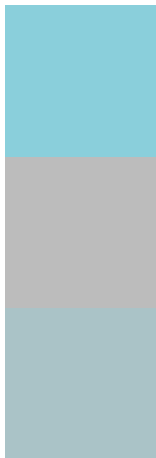
Deuteranomaly

54.2188, 0.2812, 0.2973

Tritanomaly

54.9055, 0.2577, 0.3083

Monochromacy



Original Color

55.1434, 0.2590, 0.3133

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.6998, 0.2906, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1434, 0.2590, 0.3133 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(138, 207, 219)` looks like.

```
.text, #text, p{  
    color:rgb(138, 207, 219)  
}
```

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(138, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 207, 219) }
```

Border

The CSS property to change the border of an element to Yxy 55.1434, 0.2590, 0.3133 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(138, 207, 219) }
```

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

```
.border{ border-color:rgb(138, 207, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 207, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(138, 207,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1434, 0.2590, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 207, 219) }
```

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

```
.background{ background-color: rgb(138,  
207, 219) }
```

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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