

Converting Colors

$Y_{xy}(54.2959, 0.2676, 0.3204)$

Have a look what the booklet for
Yxy(54.2959, 0.2676, 0.3204)
contains.

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Color

Yxy(54.4768, 0.2678, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	92CDD3
RGB	146, 205, 211
RGB Percent	57%, 80%, 83%
CMY	0.4277, 0.1960, 0.1726
CMYK	0.31, 0.03, 0.00, 0.17
HSL	186°, 43%, 70%
HSV	186°, 31%, 83%
XYZ	45.4341, 54.4768, 69.7459
YIQ	188.0430, -37.0900, -10.6420

Conversions

Conversions Part 2

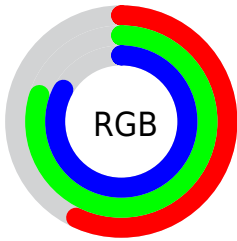
Format	Color
RYB	146, 177, 211
Decimal	9620947
CIELab	78.74, -17.41, -9.06
CIELCh	79, 19.628, 207.496
Yxy	54.4768, 0.2678, 0.3211
Android (android.graphics.Color)	4287811027 (0xFF92CDD3)
YUV	188.0430, 11.3178, -36.8717
Hunter-Lab	73.8084, -19.2858, -4.3607

Details

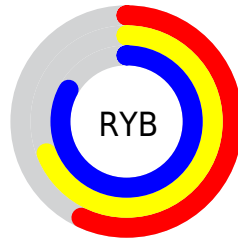
The Yxy color **54.4768, 0.2678, 0.3211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3514, 0.3798, 0.3367**, and the grayscale version is **50.2592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **26.8947, 0.2564, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **51.7992, 0.2553, 0.3182**, and if you desaturate by 10%, it is **57.5270, 0.2815, 0.3239**.

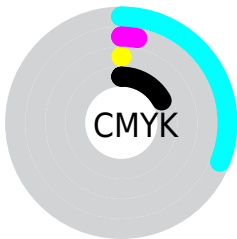
Distribution



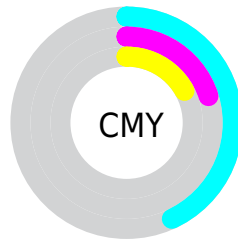
- Red (57%)
- Green (80%)
- Blue (83%)



- Red (57%)
- Yellow (69%)
- Blue (83%)



- Cyan (31%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)





- Cyan (43%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4768, 0.2678, 0.3211 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 54.4768, 0.2678, 0.3211 by changing the saturation by 10% instead.

 54.4768, 0.2678,
0.3211


 54.4768, 0.2678,
0.3211


403.9256, 0.2894,
0.3253

 38.9830, 0.2627,
0.3200

 96.7740, 0.2754,
0.3227

 26.7465, 0.2563,
0.3185


 124.3461, 0.2784,
0.3233

 17.3829, 0.2480,
0.3165


156.7131, 0.2809,
0.3237

 10.5079, 0.2368,
0.3136

194.2595, 0.2830,
0.3242

 5.7370, 0.2212,
0.3091

237.3695, 0.2849,
0.3245

 2.6858, 0.1977,
0.3014

286.4276, 0.2866,

 0.9700, 0.1478,

0.3248

0.2898

341.8181, 0.2880,
0.3251

0.0000, 0.0000,
0.0000

54.4768, 0.2678,
0.3211

54.4768, 0.2678,
0.3211

51.7992, 0.2553,
0.3182

57.5270, 0.2815,
0.3239

49.4680, 0.2443,
0.3151

60.9616, 0.2962,
0.3264

47.4638, 0.2351,
0.3120

64.7996, 0.3114,
0.3288

45.7625, 0.2277,
0.3088

69.0570, 0.3270,
0.3310

44.3365, 0.2222,
0.3056

73.7488, 0.3427,
0.3329

■ 43.1530, 0.2186,
0.3025

■ 75.4106, 0.3451,
0.3348

■ 42.2279, 0.2166,
0.2997

■ 76.4143, 0.3448,
0.3368

■ 77.4297, 0.3444,
0.3387

■ 78.4570, 0.3441,
0.3407

Harmonies

Analogous

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



54.4768, 0.2836, 0.3458



54.4768, 0.2678, 0.3211



54.4768, 0.2636, 0.3000

Triad

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



54.4768, 0.2678, 0.3211



54.4768, 0.3164, 0.2955



54.4768, 0.3545, 0.3706

Complementary

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



54.4768, 0.2678, 0.3211



38.3514, 0.3798, 0.3367

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.



54.4768, 0.3643, 0.3551



54.4768, 0.2678, 0.3211



54.4768, 0.3419, 0.3125

Square

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



54.4768, 0.2678, 0.3211



54.4768, 0.2908, 0.2865



54.4768, 0.3597, 0.3339



54.4768, 0.3334, 0.3752

Rectangle

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



54.4768, 0.2678, 0.3211



54.4768, 0.2678, 0.2907



54.4768, 0.3597, 0.3339



54.4768, 0.3592, 0.3664

Sweetspot

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



54.4790, 0.2678, 0.3211



94.5656, 0.2988, 0.3269



54.9385, 0.3051, 0.4113



20.0634, 0.2966, 0.3265



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.



54.4790, 0.2678, 0.3211



80.8715, 0.2594, 0.3192



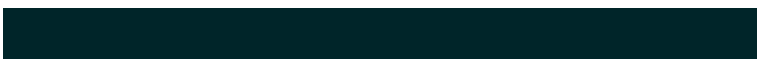
40.7127, 0.2628, 0.2775



13.2135, 0.2983, 0.3268



25.5651, 0.2167, 0.3001



1.4849, 0.2183, 0.3058

Inverse Universe

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



38.7953, 0.3217, 0.2592



53.3015, 0.3240, 0.2446



50.1566, 0.3681, 0.3755



11.9895, 0.3152, 0.3082



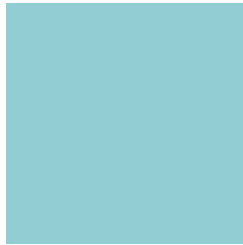
10.6521, 0.3453, 0.1676



0.6012, 0.3403, 0.1648

Previews

White Background



This preview shows how the Yxy color 54.4768, 0.2678, 0.3211 looks on a white background.

Color Contrast Check

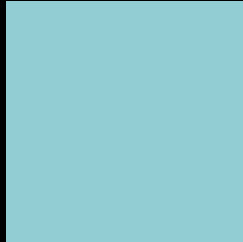
Large Text (above 18pt) WCAG AA × Fail

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 54.4768, 0.2678, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

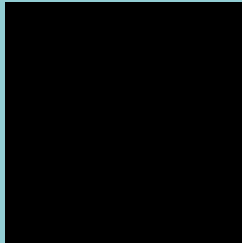
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

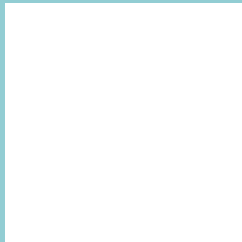
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4768, 0.2678, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 54.4768, 0.2678, 0.3211.



This preview shows how white text looks on a background with the Yxy color 54.4768, 0.2678, 0.3211.

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

54.4768, 0.2678, 0.3211

Protanopia

54.1017, 0.3062, 0.3157

Deuteranopia

54.0876, 0.3061, 0.2997



Tritanopia

54.6489, 0.2637, 0.3085

Trichromacy



Original Color

54.4768, 0.2678, 0.3211

Protanomaly

53.7846, 0.2904, 0.3165

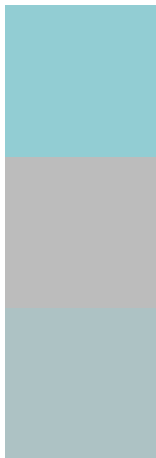
Deuteranomaly

53.9016, 0.2907, 0.3069

Tritanomaly

54.3985, 0.2648, 0.3122

Monochromacy



Original Color

54.4768, 0.2678, 0.3211

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.4533, 0.2949, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4768, 0.2678, 0.3211 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(146, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(146, 205, 211)  
}
```

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(146, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 205, 211) }
```

Border

The CSS property to change the border of an element to Yxy 54.4768, 0.2678, 0.3211 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(146, 205, 211) }
```

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

```
.border{ border-color:rgb(146, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(146, 205,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4768, 0.2678, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 205, 211) }
```

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

```
.background{ background-color: rgb(146,  
205, 211) }
```

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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