

Converting Colors

$Yxy(52.7181, 0.2696, 0.3268)$

Have a look what the booklet for
Yxy(52.7181, 0.2696, 0.3268)
contains.

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Color

Yxy(52.9111, 0.2698, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	8FCBCC
RGB	143, 203, 204
RGB Percent	56%, 80%, 80%
CMY	0.4391, 0.2039, 0.1999
CMYK	0.30, 0.01, 0.00, 0.20
HSL	181°, 37%, 68%
HSV	181°, 30%, 80%
XYZ	43.5891, 52.9111, 65.0605
YIQ	185.1740, -36.0810, -12.4090

Conversions

Conversions Part 2

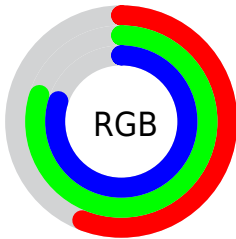
Format	Color
RYB	143, 173, 204
Decimal	9423820
CIELab	77.82, -18.83, -6.69
CIELCh	78, 19.979, 199.568
Yxy	52.9111, 0.2698, 0.3275
Android (android.graphics.Color)	4287613900 (0xFF8FCBCC)
YUV	185.1740, 9.2812, -36.9866
Hunter-Lab	72.7400, -20.3299, -2.1124

Details

The Yxy color **52.9111, 0.2698, 0.3275** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.7921, 0.3786, 0.3305**, and the grayscale version is **48.5852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **25.8706, 0.2587, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **51.0911, 0.2578, 0.3269**, and if you desaturate by 10%, it is **55.0669, 0.2832, 0.3280**.

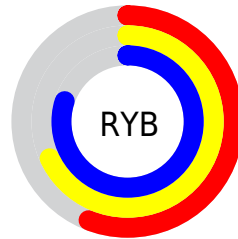
Distribution



Red (56%)

Green (80%)

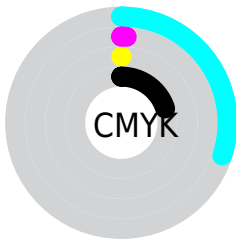
Blue (80%)



Red (56%)

Yellow (68%)

Blue (80%)

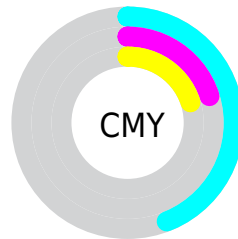


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (20%)



Cyan (44%)


Magenta (20%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9111, 0.2698, 0.3275 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 52.9111, 0.2698, 0.3275 by changing the saturation by 10% instead.

 52.9111, 0.2698,
0.3275


 52.9111, 0.2698,
0.3275


397.9440, 0.2906,
0.3286

 37.7318, 0.2648,
0.3272

 94.4735, 0.2772,
0.3279

 25.7746, 0.2586,
0.3267


 121.6255, 0.2800,
0.3281

 16.6551, 0.2504,
0.3259


153.5371, 0.2824,
0.3282

 9.9889, 0.2395,
0.3248

190.5927, 0.2845,
0.3283

 5.3916, 0.2239,
0.3228

233.1769, 0.2863,
0.3284

 2.4788, 0.2002,
0.3189

281.6739, 0.2879,

 0.8660, 0.1340,

0.3285

0.3192

336.4681, 0.2893,
0.3285

0.0000, 0.0000,
0.0000

52.9111, 0.2698,
0.3275

52.9111, 0.2698,
0.3275

51.0911, 0.2578,
0.3269

55.0669, 0.2832,
0.3280

49.5825, 0.2475,
0.3264

57.5688, 0.2976,
0.3285

48.3679, 0.2390,
0.3258

60.4342, 0.3129,
0.3290

47.4252, 0.2324,
0.3252

63.6779, 0.3287,
0.3294

46.7297, 0.2276,
0.3247

67.3136, 0.3447,
0.3298

■ 46.2517, 0.2247,
0.3241

■ 69.3184, 0.3524,
0.3302

■ 45.9367, 0.2232,
0.3236

■ 69.4843, 0.3524,
0.3305

■ 45.9337, 0.2232,
0.3236

■ 69.6505, 0.3523,
0.3309

■ 69.8171, 0.3522,
0.3313

Harmonies

Analogous

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



52.9111, 0.2886, 0.3526



52.9111, 0.2698, 0.3275



52.9111, 0.2622, 0.3042

Triad

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



52.9111, 0.2698, 0.3275



52.9111, 0.3092, 0.2912



52.9111, 0.3596, 0.3684

Complementary

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



52.9111, 0.2698, 0.3275



34.7921, 0.3786, 0.3305

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.



52.9111, 0.3660, 0.3503



52.9111, 0.2698, 0.3275



52.9111, 0.3362, 0.3068

Square

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



52.9111, 0.2698, 0.3275



52.9111, 0.2842, 0.2846



52.9111, 0.3574, 0.3280



52.9111, 0.3405, 0.3766

Rectangle

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



52.9111, 0.2698, 0.3275



52.9111, 0.2642, 0.2929



52.9111, 0.3574, 0.3280



52.9111, 0.3634, 0.3632

Sweetspot

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



52.9132, 0.2698, 0.3275



95.6560, 0.2988, 0.3286



51.0576, 0.3080, 0.4141



20.3342, 0.2966, 0.3285



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.



52.9132, 0.2698, 0.3275



85.5580, 0.2618, 0.3271



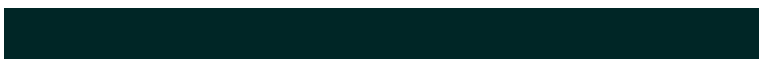
39.9045, 0.2651, 0.2853



12.6931, 0.2984, 0.3286



28.9164, 0.2232, 0.3236



1.5024, 0.2235, 0.3247

Inverse Universe

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



36.8074, 0.3171, 0.2565



54.6456, 0.3181, 0.2409



45.3097, 0.3674, 0.3690



11.4003, 0.3140, 0.3065



10.7221, 0.3252, 0.1565



0.5542, 0.3243, 0.1560

Previews

White Background



This preview shows how the Yxy color 52.9111, 0.2698, 0.3275 looks on a white background.

Color Contrast Check

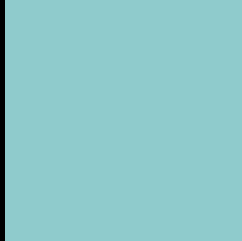
Large Text (above 18pt) WCAG AA × Fail

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 52.9111, 0.2698, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

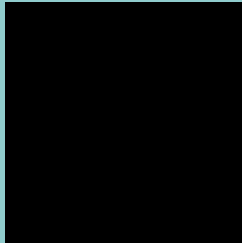
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

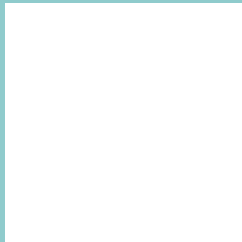
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9111, 0.2698, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 52.9111, 0.2698, 0.3275.



This preview shows how white text looks on a background with the Yxy color 52.9111, 0.2698, 0.3275.

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

52.9111, 0.2698, 0.3275

Protanopia

52.7622, 0.3106, 0.3216

Deuteranopia

52.3684, 0.3098, 0.3029



Tritanopia

52.8940, 0.2637, 0.3082

Trichromacy



Original Color

52.9111, 0.2698, 0.3275

Protanomaly

52.3143, 0.2936, 0.3226

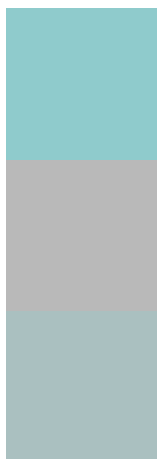
Deuteranomaly

52.0280, 0.2932, 0.3103

Tritanomaly

53.0143, 0.2662, 0.3158

Monochromacy



Original Color

52.9111, 0.2698, 0.3275

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.0511, 0.2954, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9111, 0.2698, 0.3275 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(143, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 203, 204)  
}
```

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(143, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 203, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.9111, 0.2698, 0.3275 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(143, 203, 204) }
```

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

```
.border{ border-color:rgb(143, 203, 204) }
```

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

Here you see how a box with a 4 pixel rgb(143, 203, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 203,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9111, 0.2698, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 203, 204) }
```

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

```
.background{ background-color: rgb(143,  
203, 204) }
```

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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