

Converting Colors

$Yxy(51.0402, 0.2690, 0.3116)$

Have a look what the booklet for
Yxy(51.0402, 0.2690, 0.3116)
contains.

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Color

Yxy(50.9752, 0.2691, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	95C5D2
RGB	149, 197, 210
RGB Percent	58%, 77%, 82%
CMY	0.4158, 0.2274, 0.1763
CMYK	0.29, 0.06, 0.00, 0.18
HSL	193°, 40%, 70%
HSV	193°, 29%, 82%
XYZ	43.9943, 50.9752, 68.5173
YIQ	184.1300, -32.7810, -6.1330

Conversions

Conversions Part 2

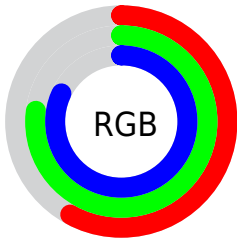
Format	Color
RYB	149, 176, 210
Decimal	9815506
CIELab	76.66, -12.64, -11.62
CIELCh	77, 17.171, 222.593
Yxy	50.9752, 0.2691, 0.3118
Android (android.graphics.Color)	4288005586 (0xFF95C5D2)
YUV	184.1300, 12.7539, -30.8090
Hunter-Lab	71.3969, -14.9541, -6.9209

Details

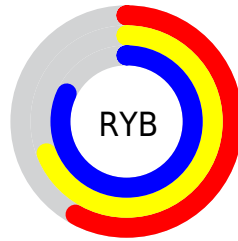
The Yxy color **50.9752, 0.2691, 0.3118** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7227, 0.3721, 0.3455**, and the grayscale version is **47.9501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9410, 0.2826, 0.3279**, and **24.5320, 0.2572, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **47.1707, 0.2553, 0.3049**, and if you desaturate by 10%, it is **55.2006, 0.2837, 0.3182**.

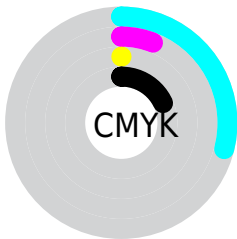
Distribution



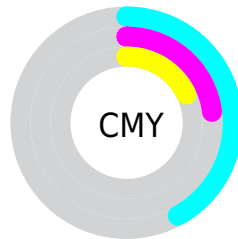
- Red (58%)
- Green (77%)
- Blue (82%)



- Red (58%)
- Yellow (69%)
- Blue (82%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)





- Cyan (42%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9752, 0.2691, 0.3118 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 50.9752, 0.2691, 0.3118 by changing the saturation by 10% instead.


 50.9752, 0.2691,
0.3118

 50.9752, 0.2691,
0.3118


390.4674, 0.2903,
0.3206

 36.1889, 0.2640,
0.3096


 91.6181, 0.2766,
0.3150

 24.5801, 0.2576,
0.3067


 118.2435, 0.2795,
0.3162

 15.7645, 0.2493,
0.3028


149.5840, 0.2820,
0.3172

 9.3577, 0.2380,
0.2973

186.0240, 0.2841,
0.3181

 4.9752, 0.2220,
0.2892

227.9480, 0.2859,
0.3189

 2.2327, 0.1975,
0.2756

275.7403, 0.2875,

 0.7377, 0.1352,

0.3195

0.2541

329.7853, 0.2890,
0.3201

0.0000, 0.0000,
0.0000

50.9752, 0.2691,
0.3118

50.9752, 0.2691,
0.3118

47.1707, 0.2553,
0.3049

55.2006, 0.2837,
0.3182

43.7613, 0.2428,
0.2977

59.8590, 0.2988,
0.3241

40.7275, 0.2316,
0.2901

64.9695, 0.3141,
0.3295

38.0456, 0.2222,
0.2823

70.5481, 0.3295,
0.3343

35.6884, 0.2148,
0.2745

76.6100, 0.3446,
0.3386

■ 33.6242, 0.2092,
0.2666

■ 79.1763, 0.3445,
0.3431

■ 31.8013, 0.2054,
0.2589

■ 81.6170, 0.3438,
0.3475

■ 31.6376, 0.2051,
0.2582

■ 84.1218, 0.3430,
0.3519

■ 86.6911, 0.3422,
0.3563

Harmonies

Analogous

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



50.9752, 0.2783, 0.3330



50.9752, 0.2691, 0.3118



50.9752, 0.2710, 0.2964

Triad

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



50.9752, 0.2691, 0.3118



50.9752, 0.3280, 0.3059



50.9752, 0.3416, 0.3697

Complementary

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



50.9752, 0.2691, 0.3118



41.7227, 0.3721, 0.3455

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.



50.9752, 0.3559, 0.3604



50.9752, 0.2691, 0.3118



50.9752, 0.3480, 0.3237

Square

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



50.9752, 0.2691, 0.3118



50.9752, 0.3043, 0.2938



50.9752, 0.3584, 0.3434



50.9752, 0.3198, 0.3676

Rectangle

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



50.9752, 0.2691, 0.3118



50.9752, 0.2784, 0.2912



50.9752, 0.3584, 0.3434



50.9752, 0.3475, 0.3677

Sweetspot

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



50.9772, 0.2691, 0.3118



92.8180, 0.2988, 0.3241



55.0799, 0.3010, 0.3957



19.6301, 0.2965, 0.3233



0.0000, 0.0000, 0.0000



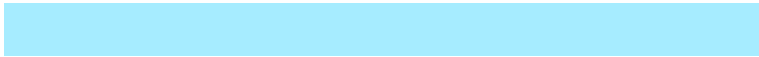
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9772, 0.2691, 0.3118



75.2606, 0.2603, 0.3075



38.7898, 0.2647, 0.2709



12.9608, 0.2983, 0.3239



19.4420, 0.2054, 0.2593



1.1966, 0.2093, 0.2735

Inverse Universe

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



39.2277, 0.3280, 0.2714



54.4947, 0.3322, 0.2588



53.4535, 0.3620, 0.3809



11.9640, 0.3170, 0.3109



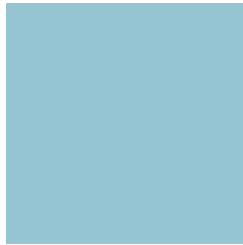
10.0339, 0.3831, 0.1884



0.5721, 0.3695, 0.1809

Previews

White Background



This preview shows how the Yxy color 50.9752, 0.2691, 0.3118 looks on a white background.

Color Contrast Check

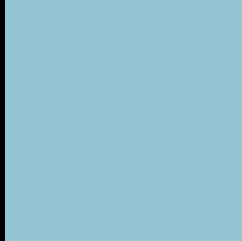
Large Text (above 18pt) WCAG AA × Fail

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 50.9752, 0.2691, 0.3118 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 50.9752, 0.2691, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 50.9752, 0.2691, 0.3118.



This preview shows how white text looks on a background with the Yxy color 50.9752, 0.2691, 0.3118.

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

50.9752, 0.2691, 0.3118

Protanopia

50.4651, 0.2999, 0.3079

Deuteranopia

50.8208, 0.3005, 0.2942



Tritanopia

51.1700, 0.2686, 0.3093

Trichromacy



Original Color

50.9752, 0.2691, 0.3118

Protanomaly

50.6021, 0.2879, 0.3099

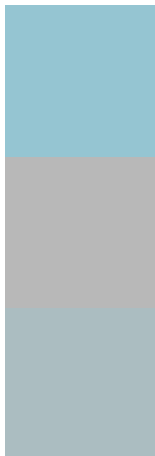
Deuteranomaly

50.7324, 0.2881, 0.3003

Tritanomaly

51.1197, 0.2692, 0.3106

Monochromacy



Original Color

50.9752, 0.2691, 0.3118

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9034, 0.2954, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9752, 0.2691, 0.3118 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(149, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(149, 197, 210)  
}
```

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(149, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 197, 210) }
```

Border

The CSS property to change the border of an element to Yxy 50.9752, 0.2691, 0.3118 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(149, 197, 210) }
```

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

```
.border{ border-color:rgb(149, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(149, 197,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9752, 0.2691, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 197, 210) }
```

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

```
.background{ background-color: rgb(149,  
197, 210) }
```

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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