

Converting Colors

Yxy(51.6361, 0.2691, 0.3129)

Have a look what the booklet for
Yxy(51.6361, 0.2691, 0.3129)
contains.

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Color

Yxy(51.4809, 0.2687, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	95C6D3
RGB	149, 198, 211
RGB Percent	58%, 78%, 83%
CMY	0.4155, 0.2235, 0.1726
CMYK	0.29, 0.06, 0.00, 0.17
HSL	193°, 41%, 71%
HSV	193°, 29%, 83%
XYZ	44.3505, 51.4809, 69.2244
YIQ	184.8310, -33.3770, -6.3450

Conversions

Conversions Part 2

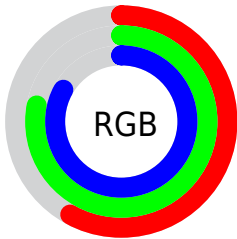
Format	Color
RYB	149, 176, 211
Decimal	9815763
CIELab	76.97, -12.92, -11.68
CIELCh	77, 17.416, 222.127
Yxy	51.4809, 0.2687, 0.3119
Android (android.graphics.Color)	4288005843 (0xFF95C6D3)
YUV	184.8310, 12.9013, -31.4238
Hunter-Lab	71.7502, -15.2278, -6.9777

Details

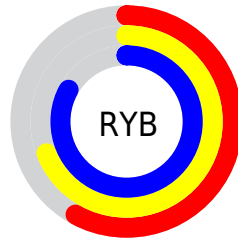
The Yxy color **51.4809, 0.2687, 0.3119** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8728, 0.3730, 0.3454**, and the grayscale version is **48.3625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **24.8336, 0.2575, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **47.6800, 0.2550, 0.3051**, and if you desaturate by 10%, it is **55.7046, 0.2833, 0.3182**.

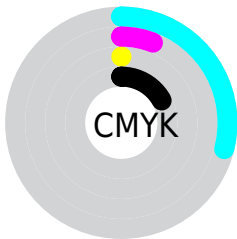
Distribution



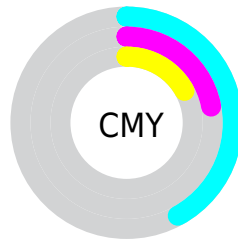
- Red (58%)
- Green (78%)
- Blue (83%)



- Red (58%)
- Yellow (69%)
- Blue (83%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)





- Cyan (42%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4809, 0.2687, 0.3119 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 51.4809, 0.2687, 0.3119 by changing the saturation by 10% instead.


 51.4809, 0.2687,
0.3119

 51.4809, 0.2687,
0.3119


392.4293, 0.2900,
0.3206

 36.5915, 0.2636,
0.3097

 92.3652, 0.2763,
0.3151

 24.8913, 0.2571,
0.3068


 119.1289, 0.2792,
0.3163

 15.9961, 0.2488,
0.3030


150.6195, 0.2817,
0.3173

 9.5214, 0.2375,
0.2976

187.2213, 0.2838,
0.3182

 5.0828, 0.2215,
0.2895

229.3188, 0.2856,
0.3189

 2.2959, 0.1972,
0.2761

277.2964, 0.2873,

 0.7716, 0.1382,

0.3196

0.2550

331.5384, 0.2887,
0.3201

0.0000, 0.0000,
0.0000

51.4809, 0.2687,
0.3119

51.4809, 0.2687,
0.3119

47.6800, 0.2550,
0.3051

55.7046, 0.2833,
0.3182

44.2758, 0.2425,
0.2980

60.3634, 0.2983,
0.3240

41.2486, 0.2315,
0.2906

65.4766, 0.3137,
0.3293

38.5743, 0.2222,
0.2829

71.0604, 0.3290,
0.3341

36.2255, 0.2148,
0.2752

77.1302, 0.3442,
0.3383

■ 34.1697, 0.2094,
0.2675

■ 79.5748, 0.3437,
0.3428

■ 32.3527, 0.2056,
0.2599

■ 81.9932, 0.3430,
0.3472

■ 32.2413, 0.2054,
0.2594

■ 84.4741, 0.3423,
0.3515

■ 87.0180, 0.3415,
0.3558

Harmonies

Analogous

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



51.4809, 0.2782, 0.3334



51.4809, 0.2687, 0.3119



51.4809, 0.2704, 0.2962

Triad

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



51.4809, 0.2687, 0.3119



51.4809, 0.3278, 0.3054



51.4809, 0.3422, 0.3701

Complementary

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



51.4809, 0.2687, 0.3119



41.8728, 0.3730, 0.3454

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.



51.4809, 0.3566, 0.3605



51.4809, 0.2687, 0.3119



51.4809, 0.3482, 0.3233

Square

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



51.4809, 0.2687, 0.3119



51.4809, 0.3038, 0.2933



51.4809, 0.3589, 0.3433



51.4809, 0.3202, 0.3682

Rectangle

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



51.4809, 0.2687, 0.3119



51.4809, 0.2778, 0.2908



51.4809, 0.3589, 0.3433



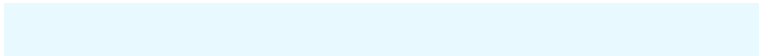
51.4809, 0.3481, 0.3680

Sweetspot

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



51.4830, 0.2687, 0.3119



92.8704, 0.2988, 0.3242



55.5683, 0.3009, 0.3965



19.6431, 0.2965, 0.3234



0.0000, 0.0000, 0.0000



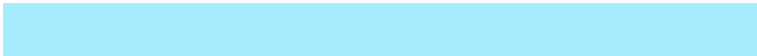
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4830, 0.2687, 0.3119



75.4494, 0.2603, 0.3079



38.9628, 0.2642, 0.2702



12.9684, 0.2983, 0.3240



19.6107, 0.2057, 0.2606



1.2047, 0.2096, 0.2745

Inverse Universe

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



39.4319, 0.3280, 0.2705



54.5138, 0.3319, 0.2585



53.8985, 0.3626, 0.3815



11.9648, 0.3169, 0.3108



10.0510, 0.3818, 0.1877



0.5729, 0.3685, 0.1804

Previews

White Background



This preview shows how the Yxy color 51.4809, 0.2687, 0.3119 looks on a white background.

Color Contrast Check

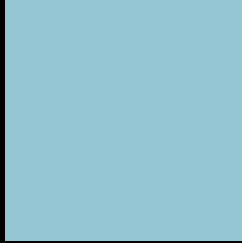
Large Text (above 18pt) WCAG AA × Fail

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 51.4809, 0.2687, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

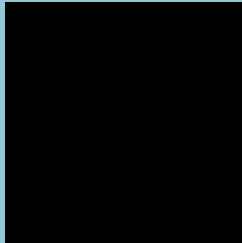
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

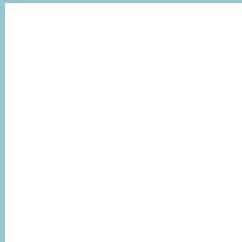
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4809, 0.2687, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 51.4809, 0.2687, 0.3119.



This preview shows how white text looks on a background with the Yxy color 51.4809, 0.2687, 0.3119.

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

51.4809, 0.2687, 0.3119

Protanopia

51.0656, 0.3000, 0.3080

Deuteranopia

50.8718, 0.2998, 0.2930



Tritanopia

51.6763, 0.2681, 0.3094

Trichromacy



Original Color

51.4809, 0.2687, 0.3119

Protanomaly

51.2029, 0.2880, 0.3100

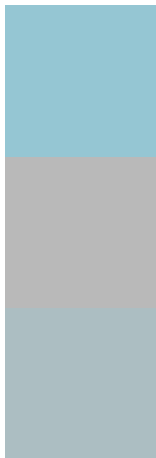
Deuteranomaly

50.7830, 0.2875, 0.2991

Tritanomaly

51.6257, 0.2687, 0.3107

Monochromacy



Original Color

51.4809, 0.2687, 0.3119

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.4926, 0.2954, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4809, 0.2687, 0.3119 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, 198, 211)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 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(149, 198, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 211) }
```

Border

The CSS property to change the border of an element to Yxy 51.4809, 0.2687, 0.3119 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, 198, 211) }
```

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

```
.border{ border-color:rgb(149, 198, 211) }
```

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

Here you see how a box with a 4 pixel rgb(149, 198, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 211);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4809, 0.2687, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 211) }
```

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

```
.background{ background-color: rgb(149,  
198, 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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