

Converting Colors

$Yxy(51.6591, 0.2953, 0.3861)$

Have a look what the booklet for
Yxy(51.6591, 0.2953, 0.3861)
contains.

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Color

Yxy(51.6697, 0.2956, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	8FCCA3
RGB	143, 204, 163
RGB Percent	56%, 80%, 64%
CMY	0.4390, 0.2000, 0.3607
CMYK	0.30, 0.00, 0.20, 0.20
HSL	140°, 37%, 68%
HSV	140°, 30%, 80%
XYZ	39.5381, 51.6697, 42.5476
YIQ	181.0870, -23.1950, -25.6830

Conversions

Conversions Part 2

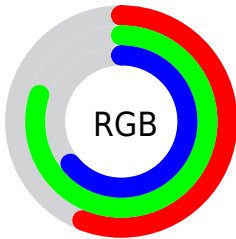
Format	Color
RYB	143, 189, 204
Decimal	9424035
CIELab	77.08, -27.97, 14.27
CIELCh	77, 31.402, 152.973
Yxy	51.6697, 0.2956, 0.3863
Android (android.graphics.Color)	4287614115 (0xFF8FCCA3)
YUV	181.0870, -8.9169, -33.4023
Hunter-Lab	71.8816, -27.6100, 15.2227

Details

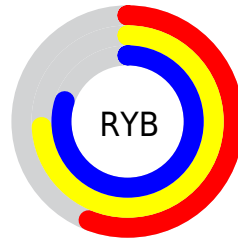
The Yxy color **51.6697, 0.2956, 0.3863** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9563, 0.3354, 0.2780**, and the grayscale version is **46.3228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5877, 0.2988, 0.3692**, and **25.1845, 0.2907, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **49.5477, 0.2906, 0.4096**, and if you desaturate by 10%, it is **54.1804, 0.3011, 0.3650**.

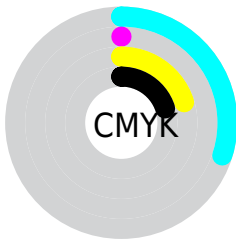
Distribution



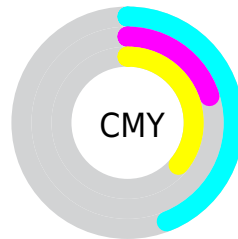
- Red (56%)
- Green (80%)
- Blue (64%)



- Red (56%)
- Yellow (74%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)




- Cyan (44%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6697, 0.2956, 0.3863 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 51.6697, 0.2956, 0.3863 by changing the saturation by 10% instead.

 51.6697, 0.2956,
0.3863


 51.6697, 0.2956,
0.3863


393.1601, 0.3045,
0.3571

 36.7419, 0.2932,
0.3938


 92.6439, 0.2989,
0.3755

 25.0077, 0.2902,
0.4035


 119.4591, 0.3002,
0.3715

 16.0828, 0.2859,
0.4166


151.0056, 0.3012,
0.3682

 9.5828, 0.2798,
0.4352

187.6676, 0.3021,
0.3653

 5.1232, 0.2701,
0.4637

229.8297, 0.3028,
0.3628

 2.3197, 0.2528,
0.5121

277.8762, 0.3035,

 0.7841, 0.0737,

0.3606

0.9263

332.1916, 0.3040,
0.3587

0.0000, 0.0000,
0.0000

51.6697, 0.2956,
0.3863

51.6697, 0.2956,
0.3863

49.5477, 0.2906,
0.4096

54.1804, 0.3011,
0.3650

47.7883, 0.2865,
0.4344

57.0915, 0.3069,
0.3458

46.3723, 0.2835,
0.4603

60.4223, 0.3128,
0.3288

45.2757, 0.2820,
0.4862

64.1888, 0.3186,
0.3138

44.4719, 0.2821,
0.5111

68.4061, 0.3242,
0.3006

■ 43.9290, 0.2840,
0.5339

■ 71.0544, 0.3218,
0.2882

■ 43.5903, 0.2871,
0.5536

■ 71.6633, 0.3151,
0.2791

■ 43.5867, 0.2872,
0.5539

Harmonies

Analogous

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



51.6697, 0.3377, 0.4049



51.6697, 0.2956, 0.3863



51.6697, 0.2597, 0.3488

Triad

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



51.6697, 0.2956, 0.3863



51.6697, 0.2517, 0.2616



51.6697, 0.3930, 0.3417

Complementary

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



51.6697, 0.2956, 0.3863



35.9563, 0.3354, 0.2780

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.



51.6697, 0.3668, 0.3080



51.6697, 0.2956, 0.3863



51.6697, 0.2838, 0.2635

Square

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



51.6697, 0.2956, 0.3863



51.6697, 0.2358, 0.2766



51.6697, 0.3260, 0.2802



51.6697, 0.3956, 0.3747

Rectangle

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



51.6697, 0.2956, 0.3863



51.6697, 0.2436, 0.3208



51.6697, 0.3260, 0.2802



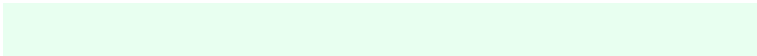
51.6697, 0.3866, 0.3301

Sweetspot

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



51.6719, 0.2956, 0.3863



94.9500, 0.3074, 0.3445



55.4440, 0.3413, 0.4071



20.1602, 0.3065, 0.3471



0.0000, 0.0000, 0.0000



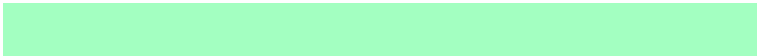
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6719, 0.2956, 0.3863



83.1906, 0.2922, 0.4014



52.8691, 0.2767, 0.3439



12.5966, 0.3072, 0.3450



27.4510, 0.2865, 0.5513



1.4301, 0.2751, 0.5105

Inverse Universe

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



35.9563, 0.3354, 0.2780



52.9571, 0.3419, 0.2665



34.8352, 0.3667, 0.3148



11.3388, 0.3187, 0.3135



9.2372, 0.4242, 0.2110



0.4902, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 51.6697, 0.2956, 0.3863 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 51.6697, 0.2956, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

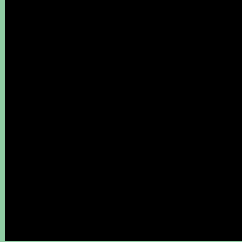
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6697, 0.2956, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 51.6697, 0.2956, 0.3863.

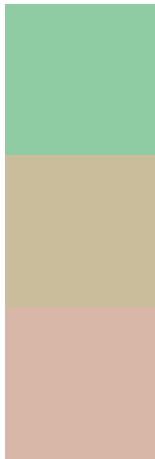


This preview shows how white text looks on a background with the Yxy color 51.6697, 0.2956, 0.3863.

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

51.6697, 0.2956, 0.3863

Protanopia

51.2130, 0.3492, 0.3703

Deuteranopia

51.2931, 0.3540, 0.3470



Tritanopia

51.5089, 0.2699, 0.3082

Trichromacy



Original Color

51.6697, 0.2956, 0.3863



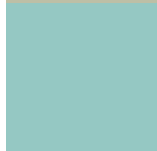
Protanomaly

50.7901, 0.3276, 0.3750



Deuteranomaly

50.8336, 0.3303, 0.3611



Tritanomaly

51.6382, 0.2788, 0.3356

Monochromacy



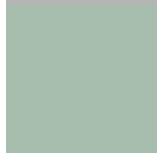
Original Color

51.6697, 0.2956, 0.3863



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

47.6667, 0.3061, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6697, 0.2956, 0.3863 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, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 163)  
}
```

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, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 163) }
```

Border

The CSS property to change the border of an element to Yxy 51.6697, 0.2956, 0.3863 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, 204, 163) }
```

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

```
.border{ border-color:rgb(143, 204, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 204, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 204, 163); box-shadow:4px 4px 4px 4px rgb(143, 204, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6697, 0.2956, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 163) }
```

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

```
.background{ background-color: rgb(143,  
204, 163) }
```

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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