

Converting Colors

Yxy(54.7672, 0.3180, 0.3824)

Have a look what the booklet for
Yxy(54.7672, 0.3180, 0.3824)
contains.

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Color

Yxy(54.7143, 0.3178, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	ADCCA3
RGB	173, 204, 163
RGB Percent	68%, 80%, 64%
CMY	0.3216, 0.2000, 0.3608
CMYK	0.15, 0.00, 0.20, 0.20
HSL	105°, 29%, 72%
HSV	105°, 20%, 80%
XYZ	45.4356, 54.7143, 42.8193
YIQ	190.0570, -5.3150, -19.3230

Conversions

Conversions Part 2

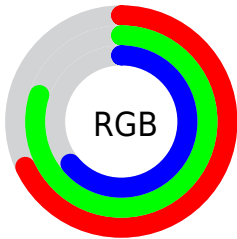
Format	Color
RYB	163, 204, 194
Decimal	11390115
CIELab	78.88, -18.00, 17.05
CIELCh	79, 24.793, 136.549
Yxy	54.7143, 0.3178, 0.3827
Android (android.graphics.Color)	4289580195 (0xFFADCCA3)
YUV	190.0570, -13.3391, -14.9590
Hunter-Lab	73.9691, -19.8022, 17.4566

Details

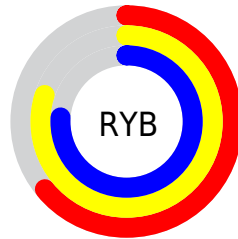
The Yxy color **54.7143, 0.3178, 0.3827** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.0299, 0.3061, 0.2782**, and the grayscale version is **51.6078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2400, 0.3178, 0.3670**, and **26.9535, 0.3184, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **52.3843, 0.3199, 0.4134**, and if you desaturate by 10%, it is **57.3702, 0.3154, 0.3546**.

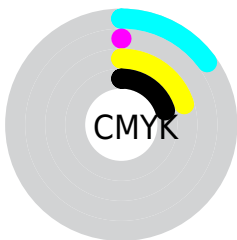
Distribution



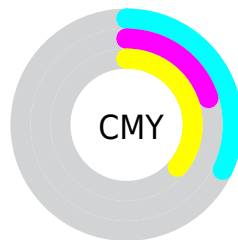
- Red (68%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)




- Cyan (32%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7143, 0.3178, 0.3827 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 54.7143, 0.3178, 0.3827 by changing the saturation by 10% instead.


 54.7143, 0.3178,
0.3827


 54.7143, 0.3178,
0.3827

404.8280, 0.3158,
0.3558

 39.1730, 0.3182,
0.3894


 97.1222, 0.3172,
0.3729

 26.8944, 0.3185,
0.3981


 124.7577, 0.3169,
0.3692

 17.4939, 0.3189,
0.4096


157.1933, 0.3167,
0.3661

 10.5873, 0.3190,
0.4256

194.8135, 0.3164,
0.3635

 5.7900, 0.3187,
0.4494

238.0027, 0.3162,
0.3612

 2.7178, 0.3165,
0.4881

287.1453, 0.3161,

 0.9863, 0.3340,

0.3591

0.6660

342.6256, 0.3159,
0.3574

0.0000, 0.0000,
0.0000

54.7143, 0.3178,
0.3827

54.7143, 0.3178,
0.3827

52.3843, 0.3199,
0.4134

57.3702, 0.3154,
0.3546

50.3607, 0.3214,
0.4459

60.3568, 0.3127,
0.3292

48.6324, 0.3220,
0.4791

63.6877, 0.3101,
0.3067

47.1851, 0.3217,
0.5114

67.3736, 0.3074,
0.2869

46.0029, 0.3201,
0.5406

70.7629, 0.3115,
0.2786

■ 45.0686, 0.3173,
0.5646

■ 71.6692, 0.3151,
0.2792

■ 44.3624, 0.3135,
0.5819

■ 43.8587, 0.3093,
0.5926

Harmonies

Analogous

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



54.7143, 0.3494, 0.3873



54.7143, 0.3178, 0.3827



54.7143, 0.2860, 0.3610

Triad

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



54.7143, 0.3178, 0.3827



54.7143, 0.2562, 0.2812



54.7143, 0.3656, 0.3247

Complementary

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



54.7143, 0.3178, 0.3827



42.0299, 0.3061, 0.2782

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.



54.7143, 0.3383, 0.2997



54.7143, 0.3178, 0.3827



54.7143, 0.2752, 0.2750

Square

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



54.7143, 0.3178, 0.3827



54.7143, 0.2515, 0.3007



54.7143, 0.3049, 0.2819



54.7143, 0.3781, 0.3519

Rectangle

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



54.7143, 0.3178, 0.3827



54.7143, 0.2688, 0.3407



54.7143, 0.3049, 0.2819



54.7143, 0.3578, 0.3158

Sweetspot

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



54.7167, 0.3178, 0.3827



96.9237, 0.3143, 0.3440



53.9586, 0.3450, 0.3668



20.6767, 0.3145, 0.3457



0.0000, 0.0000, 0.0000



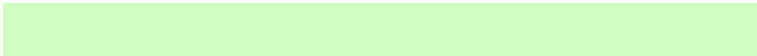
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7167, 0.3178, 0.3827



88.9173, 0.3187, 0.3954



54.0036, 0.3031, 0.3698



12.6666, 0.3152, 0.3527



27.6398, 0.3101, 0.5920



1.4624, 0.3246, 0.5805

Inverse Universe

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



42.0299, 0.3061, 0.2782



64.2578, 0.3044, 0.2670



42.9196, 0.3239, 0.2914



11.2609, 0.3099, 0.3059



7.1343, 0.2605, 0.1209



0.4019, 0.2728, 0.1277

Previews

White Background



This preview shows how the Yxy color 54.7143, 0.3178, 0.3827 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 54.7143, 0.3178, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

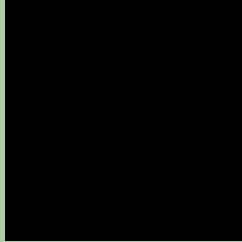
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7143, 0.3178, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 54.7143, 0.3178, 0.3827.

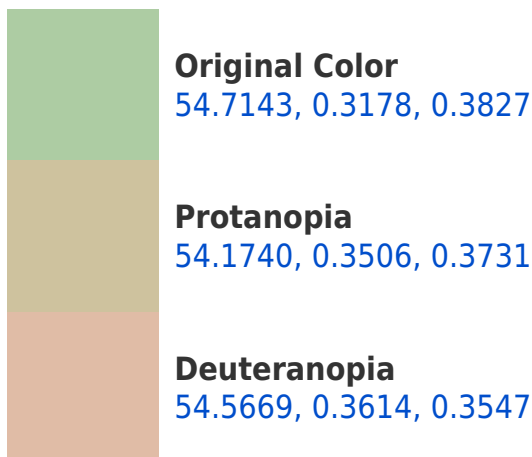


This preview shows how white text looks on a background with the Yxy color 54.7143, 0.3178, 0.3827.

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

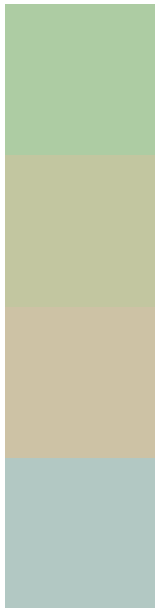




Tritanopia

54.5604, 0.2893, 0.3093

Trichromacy



Original Color

54.7143, 0.3178, 0.3827

Protanomaly

54.3956, 0.3379, 0.3768

Deuteranomaly

54.2793, 0.3442, 0.3645

Tritanomaly

54.7137, 0.2994, 0.3353

Monochromacy



Original Color

54.7143, 0.3178, 0.3827

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5158, 0.3150, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7143, 0.3178, 0.3827 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(173, 204, 163)` looks like.

```
.text, #text, p{  
  color:rgb(173, 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(173, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 204, 163) }
```

Border

The CSS property to change the border of an element to Yxy 54.7143, 0.3178, 0.3827 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(173, 204, 163) }
```

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

```
.border{ border-color:rgb(173, 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(173, 204, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 204,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7143, 0.3178, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 204, 163) }
```

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

```
.background{ background-color: rgb(173,  
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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