

Converting Colors

$Yxy(54.4723, 0.3247, 0.3879)$

Have a look what the booklet for
Yxy(54.4723, 0.3247, 0.3879)
contains.

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Color

Yxy(54.5276, 0.3246, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	B1CB9E
RGB	177, 203, 158
RGB Percent	69%, 80%, 62%
CMY	0.3060, 0.2039, 0.3804
CMYK	0.13, 0.00, 0.22, 0.20
HSL	95°, 30%, 71%
HSV	95°, 22%, 80%
XYZ	45.6530, 54.5276, 40.4632
YIQ	190.0960, -1.0510, -19.5070

Conversions

Conversions Part 2

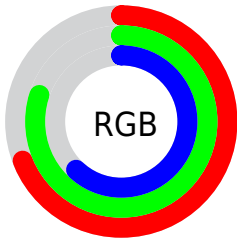
Format	Color
RYB	158, 203, 184
Decimal	11651998
CIELab	78.77, -16.91, 19.60
CIELCh	79, 25.889, 130.782
Yxy	54.5276, 0.3246, 0.3877
Android (android.graphics.Color)	4289842078 (0xFFB1CB9E)
YUV	190.0960, -15.8233, -11.4852
Hunter-Lab	73.8428, -18.8681, 19.2012

Details

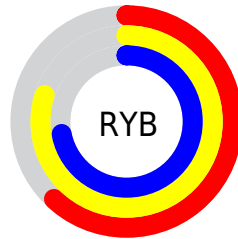
The Yxy color **54.5276, 0.3246, 0.3877** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9595, 0.2981, 0.2715**, and the grayscale version is **51.6419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6477, 0.3232, 0.3720**, and **26.8206, 0.3274, 0.4054** is the 20% darker color. If you saturate the color by 10%, you get **52.5675, 0.3294, 0.4174**, and if you desaturate by 10%, it is **56.7266, 0.3193, 0.3599**.

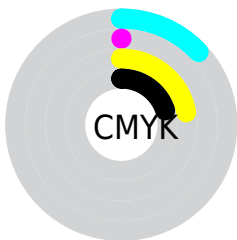
Distribution



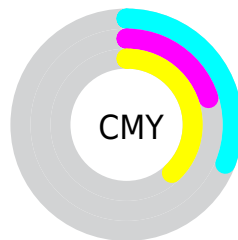
- Red (69%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)





- Cyan (31%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5276, 0.3246, 0.3877 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 54.5276, 0.3246, 0.3877 by changing the saturation by 10% instead.


 54.5276, 0.3246,
0.3877


 54.5276, 0.3246,
0.3877


404.1187, 0.3193,
0.3583

 39.0236, 0.3257,
0.3950


 96.8485, 0.3228,
0.3770

 26.7781, 0.3270,
0.4045


 124.4342, 0.3221,
0.3730

 17.4066, 0.3286,
0.4170


156.8159, 0.3215,
0.3696

 10.5248, 0.3303,
0.4344

194.3780, 0.3209,
0.3667

 5.7483, 0.3320,
0.4600

237.5050, 0.3205,
0.3642

 2.6926, 0.3327,
0.5013

286.5812, 0.3200,

 0.9735, 0.3437,

0.3620

0.6563

341.9909, 0.3196,
0.3600

0.0000, 0.0000,
0.0000

54.5276, 0.3246,
0.3877

54.5276, 0.3246,
0.3877

52.5675, 0.3294,
0.4174

56.7266, 0.3193,
0.3599

50.8307, 0.3335,
0.4482

59.1655, 0.3139,
0.3343

49.3101, 0.3363,
0.4789


61.8546, 0.3085,
0.3111


47.9959, 0.3377,
0.5081

64.8010, 0.3032,
0.2903


46.8771, 0.3372,
0.5342


67.7186, 0.3011,
0.2759

 45.9414, 0.3347,
0.5554

 69.7921, 0.3096,
0.2773

 45.1749, 0.3303,
0.5708

 71.1981, 0.3151,
0.2782

 44.6759, 0.3262,
0.5792

Harmonies

Analogous

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



54.5276, 0.3565, 0.3887



54.5276, 0.3246, 0.3877



54.5276, 0.2907, 0.3680

Triad

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



54.5276, 0.3246, 0.3877



54.5276, 0.2516, 0.2820



54.5276, 0.3635, 0.3191

Complementary

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



54.5276, 0.3246, 0.3877



38.9595, 0.2981, 0.2715

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.



54.5276, 0.3328, 0.2941



54.5276, 0.3246, 0.3877



54.5276, 0.2687, 0.2728

Square

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



54.5276, 0.3246, 0.3877



54.5276, 0.2498, 0.3046



54.5276, 0.2979, 0.2775



54.5276, 0.3800, 0.3474

Rectangle

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



54.5276, 0.3246, 0.3877



54.5276, 0.2715, 0.3476



54.5276, 0.2979, 0.2775



54.5276, 0.3544, 0.3101

Sweetspot

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



54.5300, 0.3246, 0.3877



96.9969, 0.3166, 0.3465



49.2426, 0.3507, 0.3610



20.7080, 0.3169, 0.3481



0.0000, 0.0000, 0.0000



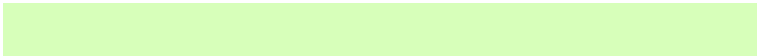
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5300, 0.3246, 0.3877



89.5441, 0.3272, 0.4029



52.5597, 0.3078, 0.3862



12.7641, 0.3178, 0.3525



28.4784, 0.3271, 0.5784



1.5135, 0.3429, 0.5660

Inverse Universe

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



38.9595, 0.2981, 0.2715



58.5669, 0.2939, 0.2569



41.3209, 0.3179, 0.2778



11.1591, 0.3072, 0.3057



5.2250, 0.2192, 0.0981



0.3136, 0.2387, 0.1089

Previews

White Background



This preview shows how the Yxy color 54.5276, 0.3246, 0.3877 looks on a white background.

Color Contrast Check

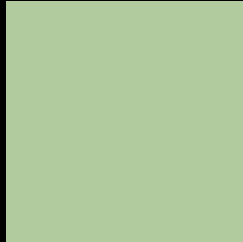
Large Text (above 18pt) WCAG AA × Fail

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 54.5276, 0.3246, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

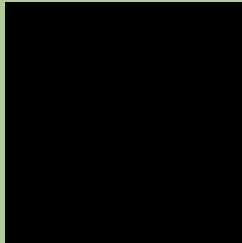
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5276, 0.3246, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 54.5276, 0.3246, 0.3877.



This preview shows how white text looks on a background with the Yxy color 54.5276, 0.3246, 0.3877.

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

54.5276, 0.3246, 0.3877

Protanopia

54.1821, 0.3547, 0.3779

Deuteranopia

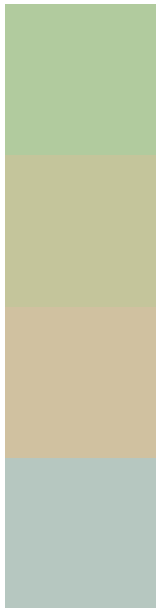
54.1214, 0.3668, 0.3593



Tritanopia

54.4973, 0.2936, 0.3106

Trichromacy



Original Color

54.5276, 0.3246, 0.3877

Protanomaly

54.0348, 0.3437, 0.3817

Deuteranomaly

54.0879, 0.3510, 0.3692

Tritanomaly

54.5977, 0.3046, 0.3378

Monochromacy



Original Color

54.5276, 0.3246, 0.3877

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5589, 0.3173, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5276, 0.3246, 0.3877 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(177, 203, 158)` looks like.

```
.text, #text, p{  
    color:rgb(177, 203, 158)  
}
```

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(177, 203, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 203, 158) }
```

Border

The CSS property to change the border of an element to Yxy 54.5276, 0.3246, 0.3877 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(177, 203, 158) }
```

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

```
.border{ border-color:rgb(177, 203, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 203, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 203, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 203, 158);  
box-shadow:4px 4px 4px 4px rgb(177, 203,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5276, 0.3246, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 203, 158) }
```

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

```
.background{ background-color: rgb(177,  
203, 158) }
```

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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