

Converting Colors

Yxy(54.1109, 0.3133, 0.3829)

Have a look what the booklet for
Yxy(54.1109, 0.3133, 0.3829)
contains.

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Color

Yxy(54.0456, 0.3132, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	A7CCA3
RGB	167, 204, 163
RGB Percent	65%, 80%, 64%
CMY	0.3451, 0.2000, 0.3609
CMYK	0.18, 0.00, 0.20, 0.20
HSL	114°, 29%, 72%
HSV	114°, 20%, 80%
XYZ	44.1384, 54.0456, 42.7432
YIQ	188.2630, -8.8910, -20.5950

Conversions

Conversions Part 2

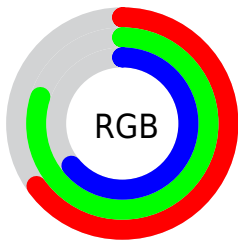
Format	Color
R _{YB}	163, 204, 200
Decimal	10996899
CIE Lab	78.49, -20.08, 16.47
CIE LCh	78, 25.972, 140.646
Yxy	54.0456, 0.3132, 0.3835
Android (android.graphics.Color)	4289186979 (0xFFA7CCA3)
YUV	188.2630, -12.4547, -18.6477
Hunter-Lab	73.5157, -21.4821, 16.9888

Details

The Yxy color **54.0456, 0.3132, 0.3835** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.8218, 0.3114, 0.2790**, and the grayscale version is **50.5230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2699, 0.3140, 0.3675**, and **26.5378, 0.3123, 0.4001** is the 20% darker color. If you saturate the color by 10%, you get **51.5114, 0.3131, 0.4152**, and if you desaturate by 10%, it is **56.9874, 0.3131, 0.3548**.

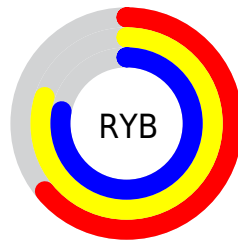
Distribution



Red (65%)

Green (80%)

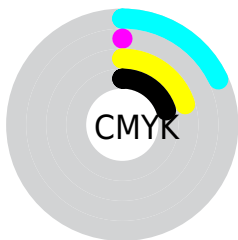
Blue (64%)



Red (64%)

Yellow (80%)

Blue (78%)

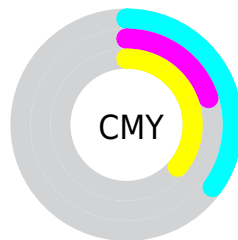


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (20%)



Cyan (35%)


Magenta (20%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0456, 0.3132, 0.3835 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 54.0456, 0.3132, 0.3835 by changing the saturation by 10% instead.


 54.0456, 0.3132,
0.3835


 54.0456, 0.3132,
0.3835


402.2839, 0.3134,
0.3561

 38.6381, 0.3130,
0.3904


 96.1412, 0.3134,
0.3735

 26.4783, 0.3127,
0.3993


 123.5981, 0.3134,
0.3697

 17.1818, 0.3121,
0.4112


155.8403, 0.3134,
0.3666

 10.3642, 0.3110,
0.4278

193.2521, 0.3135,
0.3639

 5.6411, 0.3087,
0.4526

236.2180, 0.3134,
0.3615

 2.6281, 0.3035,
0.4935

285.1223, 0.3134,

 0.9408, 0.2999,

0.3595

0.7001

340.3495, 0.3134,
0.3577

0.0000, 0.0000,
0.0000

54.0456, 0.3132,
0.3835

54.0456, 0.3132,
0.3835

51.5114, 0.3131,
0.4152

56.9874, 0.3131,
0.3548

49.3603, 0.3126,
0.4491

60.3465, 0.3127,
0.3293

47.5757, 0.3117,
0.4840

64.1408, 0.3123,
0.3069

46.1370, 0.3103,
0.5179

68.3850, 0.3117,
0.2875

45.0217, 0.3085,
0.5482

71.6687, 0.3151,
0.2792

■ 44.2044, 0.3064,
0.5726

■ 43.6560, 0.3041,
0.5892

■ 43.3377, 0.3021,
0.5983

Harmonies

Analogous

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



54.0456, 0.3470, 0.3909



54.0456, 0.3132, 0.3835



54.0456, 0.2805, 0.3586

Triad

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



54.0456, 0.3132, 0.3835



54.0456, 0.2553, 0.2771



54.0456, 0.3713, 0.3283

Complementary

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



54.0456, 0.3132, 0.3835



42.8218, 0.3114, 0.2790

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.



54.0456, 0.3441, 0.3015



54.0456, 0.3132, 0.3835



54.0456, 0.2770, 0.2726

Square

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



54.0456, 0.3132, 0.3835



54.0456, 0.2482, 0.2956



54.0456, 0.3092, 0.2816



54.0456, 0.3817, 0.3566

Rectangle

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



54.0456, 0.3132, 0.3835



54.0456, 0.2635, 0.3366



54.0456, 0.3092, 0.2816



54.0456, 0.3637, 0.3189

Sweetspot

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



54.0479, 0.3132, 0.3835



96.5298, 0.3129, 0.3441



56.7454, 0.3437, 0.3740



20.5839, 0.3130, 0.3458



0.0000, 0.0000, 0.0000



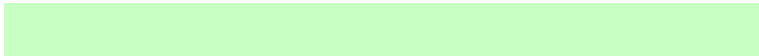
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0479, 0.3132, 0.3835



87.6589, 0.3132, 0.3965



54.2429, 0.2990, 0.3614



12.5888, 0.3130, 0.3528



27.2942, 0.3025, 0.5980



1.4265, 0.3104, 0.5918

Inverse Universe

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



42.8218, 0.3114, 0.2790



65.8530, 0.3110, 0.2682



42.6371, 0.3294, 0.2987



11.3456, 0.3122, 0.3061



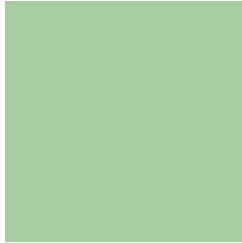
9.1788, 0.2965, 0.1407



0.4901, 0.3016, 0.1435

Previews

White Background



This preview shows how the Yxy color 54.0456, 0.3132, 0.3835 looks on a white background.

Color Contrast Check

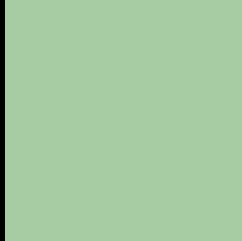
Large Text (above 18pt) WCAG AA × Fail

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 54.0456, 0.3132, 0.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

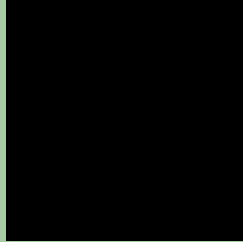
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0456, 0.3132, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 54.0456, 0.3132, 0.3835.

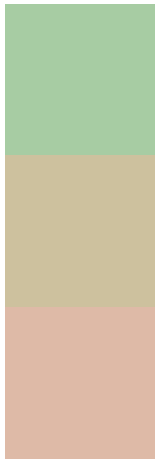


This preview shows how white text looks on a background with the Yxy color 54.0456, 0.3132, 0.3835.

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

54.0456, 0.3132, 0.3835

Protanopia

53.5877, 0.3500, 0.3720

Deuteranopia

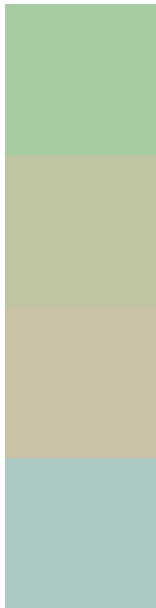
53.4374, 0.3594, 0.3514



Tritanopia

53.8506, 0.2850, 0.3091

Trichromacy



Original Color

54.0456, 0.3132, 0.3835

Protanomaly

53.5469, 0.3356, 0.3760

Deuteranomaly

53.4497, 0.3411, 0.3624

Tritanomaly

54.0193, 0.2950, 0.3353

Monochromacy



Original Color

54.0456, 0.3132, 0.3835

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.5415, 0.3126, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0456, 0.3132, 0.3835 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(167, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 204, 163) }
```

Border

The CSS property to change the border of an element to Yxy 54.0456, 0.3132, 0.3835 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(167, 204, 163) }
```

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

```
.border{ border-color:rgb(167, 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(167, 204, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(167, 204,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0456, 0.3132, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 204, 163) }
```

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

```
.background{ background-color: rgb(167,  
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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