

# Converting Colors

$Yxy(54.5929, 0.3164, 0.3752)$

Have a look what the booklet for  
Yxy(54.5929, 0.3164, 0.3752)  
contains.

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# Color

**Yxy(54.6159, 0.3167, 0.3759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFCBA7
RGB	175, 203, 167
RGB Percent	69%, 80%, 65%
CMY	0.3136, 0.2039, 0.3452
CMYK	0.14, 0.00, 0.18, 0.20
HSL	107°, 26%, 73%
HSV	107°, 18%, 80%
XYZ	46.0145, 54.6159, 44.6633
YIQ	190.5240, -5.1320, -17.1320

# Conversions

## Conversions Part 2

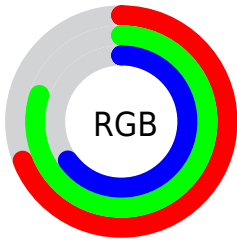
Format	Color
<a href="#">RYB</a>	<a href="#">167, 203, 195</a>
Decimal	<a href="#">11520935</a>
CIELab	<a href="#">78.82, -16.10, 14.88</a>
CIElCh	<a href="#">79, 21.923, 137.257</a>
Yxy	<a href="#">54.6159, 0.3167, 0.3759</a>
Android (android.graphics.Color)	<a href="#">4289711015</a> ( <a href="#">0xFFAFCBA7</a> )
YUV	<a href="#">190.5240, -11.5973, -13.6145</a>
Hunter-Lab	<a href="#">73.9026, -18.1887, 15.8997</a>

# Details

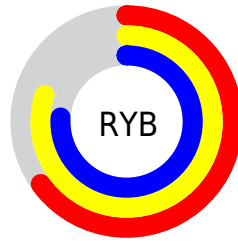
The Yxy color **54.6159, 0.3167, 0.3759** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.5336, 0.3077, 0.2845**, and the grayscale version is **51.8848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7829, 0.3167, 0.3627**, and **26.8703, 0.3170, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **52.2070, 0.3186, 0.4061**, and if you desaturate by 10%, it is **57.3601, 0.3145, 0.3484**.

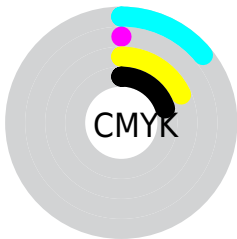
# Distribution



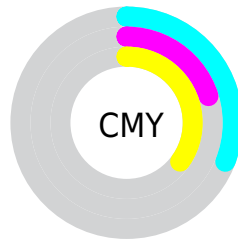
- Red (69%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)




- Cyan (31%)
- Magenta (20%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6159, 0.3167, 0.3759 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 54.6159, 0.3167, 0.3759 by changing the saturation by 10% instead.





 54.6159, 0.3167,  
0.3759

 54.6159, 0.3167,  
0.3759


404.4543, 0.3151,  
0.3524

 39.0943, 0.3170,  
0.3818


 96.9780, 0.3162,  
0.3674

 26.8331, 0.3173,  
0.3893


 124.5872, 0.3160,  
0.3642

 17.4479, 0.3176,  
0.3992


156.9944, 0.3158,  
0.3615

 10.5543, 0.3178,  
0.4131

194.5840, 0.3156,  
0.3591

 5.7680, 0.3176,  
0.4338

237.7404, 0.3155,  
0.3571

 2.7045, 0.3161,  
0.4674

286.8480, 0.3153,

 0.9795, 0.3480,

0.3554

0.6371

342.2912, 0.3152,  
0.3538

0.0000, 0.0000,  
0.0000

54.6159, 0.3167,  
0.3759

54.6159, 0.3167,  
0.3759

52.2070, 0.3186,  
0.4061

57.3601, 0.3145,  
0.3484

50.1135, 0.3199,  
0.4385

60.4446, 0.3122,  
0.3237

48.3243, 0.3206,  
0.4719

63.8833, 0.3098,  
0.3019

46.8247, 0.3203,  
0.5048

67.6869, 0.3074,  
0.2827

45.5987, 0.3189,  
0.5351

70.9674, 0.3142,  
0.2780

■ 44.6290, 0.3164,  
0.5607

■ 71.1907, 0.3151,  
0.2782

■ 43.8955, 0.3129,  
0.5797

■ 43.3735, 0.3088,  
0.5915

■ 43.2786, 0.3080,  
0.5936

# Harmonies

## Analogous

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



54.6159, 0.3447, 0.3806



54.6159, 0.3167, 0.3759



54.6159, 0.2885, 0.3566

# Triad

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



54.6159, 0.3167, 0.3759



54.6159, 0.2627, 0.2864



54.6159, 0.3599, 0.3259

# Complementary

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



54.6159, 0.3167, 0.3759



43.5336, 0.3077, 0.2845

# 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.



54.6159, 0.3360, 0.3034



54.6159, 0.3167, 0.3759



54.6159, 0.2800, 0.2809

# Square

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



54.6159, 0.3167, 0.3759



54.6159, 0.2582, 0.3036



54.6159, 0.3066, 0.2873



54.6159, 0.3705, 0.3502



# Rectangle

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



54.6159, 0.3167, 0.3759



54.6159, 0.2733, 0.3388



54.6159, 0.3066, 0.2873



54.6159, 0.3531, 0.3180

# Sweetspot

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



54.6182, 0.3167, 0.3759



97.3770, 0.3139, 0.3415



54.3331, 0.3408, 0.3629



20.7663, 0.3141, 0.3433



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

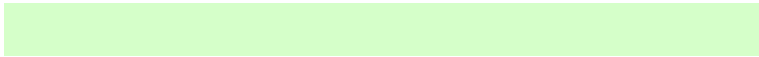


# Same Dimension

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



54.6182, 0.3167, 0.3759



89.9697, 0.3174, 0.3863



54.0812, 0.3038, 0.3637



12.6560, 0.3149, 0.3527



27.5768, 0.3088, 0.5930



1.4575, 0.3227, 0.5819



# Inverse Universe

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



43.5336, 0.3077, 0.2845



68.2606, 0.3064, 0.2752



44.1924, 0.3229, 0.2966



11.2722, 0.3103, 0.3059



7.3838, 0.2653, 0.1235



0.4129, 0.2767, 0.1298



# Previews

## White Background



This preview shows how the Yxy color 54.6159, 0.3167, 0.3759 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 54.6159, 0.3167, 0.3759 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

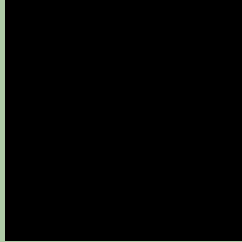
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

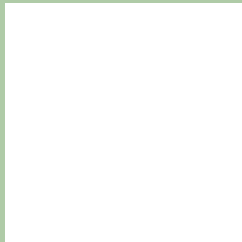
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.6159, 0.3167, 0.3759**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.6159, 0.3167, 0.3759.



This preview shows how white text looks on a background with the Yxy color 54.6159, 0.3167, 0.3759.

# 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

54.6159, 0.3167, 0.3759

### Protanopia

54.2071, 0.3458, 0.3670

### Deuteranopia

54.3983, 0.3563, 0.3501



## Tritanopia

54.6311, 0.2907, 0.3106

# Trichromacy



**Original Color**

54.6159, 0.3167, 0.3759

**Protanomaly**

54.0822, 0.3351, 0.3705

**Deuteranomaly**

53.9836, 0.3413, 0.3584

**Tritanomaly**

54.4161, 0.2995, 0.3327

# Monochromacy



**Original Color**

54.6159, 0.3167, 0.3759

**Achromatopsia**

52.0996, 0.3127, 0.3290

**Achromatomaly**

52.7219, 0.3143, 0.3455

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.6159, 0.3167, 0.3759 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(175, 203, 167)` looks like.

```
.text, #text, p{  
    color:rgb(175, 203, 167)  
}
```

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(175, 203, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 203, 167) }
```

## Border

The CSS property to change the border of an element to Yxy 54.6159, 0.3167, 0.3759 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(175, 203, 167) }
```

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

```
.border{ border-color:rgb(175, 203, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 203, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 203, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 203, 167);  
box-shadow:4px 4px 4px 4px rgb(175, 203,  
167) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.6159, 0.3167, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 203, 167) }
```

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

```
.background{ background-color: rgb(175,  
203, 167) }
```

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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