

# Converting Colors

$Yxy(54.2687, 0.3171, 0.3706)$

Have a look what the booklet for  
Yxy(54.2687, 0.3171, 0.3706)  
contains.

<b>Yxy(54.1028, 0.3178, 0.3705)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(54.1028, 0.3178, 0.3705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B2C9A9</a>
RGB	<a href="#">178, 201, 169</a>
RGB Percent	<a href="#">70%, 79%, 66%</a>
CMY	<a href="#">0.3019, 0.2117, 0.3374</a>
CMYK	<a href="#">0.11, 0.00, 0.16, 0.21</a>
HSL	<a href="#">103°, 23%, 73%</a>
HSV	<a href="#">103°, 16%, 79%</a>
XYZ	<a href="#">46.4072, 54.1028, 45.5164</a>
YIQ	<a href="#">190.4750, -3.4360, -14.8280</a>

# Conversions

## Conversions Part 2

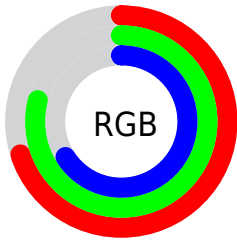
Format	Color
R <sub>YB</sub>	169, 201, 192
Decimal	11717033
CIE Lab	78.52, -13.70, 13.43
CIE LCh	79, 19.183, 135.585
Yxy	54.1028, 0.3178, 0.3705
Android (android.graphics.Color)	4289907113 (0xFFB2C9A9)
YUV	190.4750, -10.5872, -10.9406
Hunter-Lab	73.5546, -16.1010, 14.7989

# Details

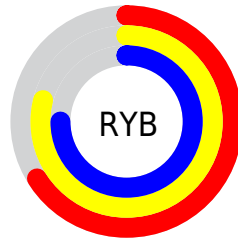
The Yxy color **54.1028, 0.3178, 0.3705** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7828, 0.3066, 0.2890**, and the grayscale version is **51.8453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3942, 0.3175, 0.3604**, and **26.5118, 0.3185, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **51.7895, 0.3207, 0.3999**, and if you desaturate by 10%, it is **56.7163, 0.3147, 0.3437**.

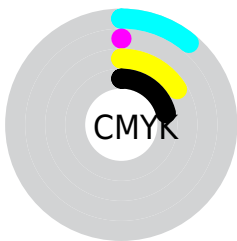
# Distribution



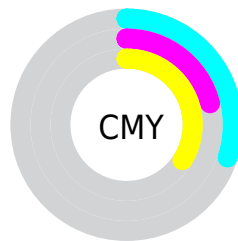
- Red (70%)
- Green (79%)
- Blue (66%)



- Red (66%)
- Yellow (79%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)




- Cyan (30%)
- Magenta (21%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1028, 0.3178, 0.3705 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 54.1028, 0.3178, 0.3705 by changing the saturation by 10% instead.





 54.1028, 0.3178,  
0.3705

 54.1028, 0.3178,  
0.3705

402.5019, 0.3156,  
0.3498

 38.6839, 0.3183,  
0.3757


 96.2252, 0.3171,  
0.3630

 26.5139, 0.3188,  
0.3823

123.6974, 0.3168,  
0.3602

 17.2085, 0.3194,  
0.3911

155.9561, 0.3165,  
0.3578

 10.3832, 0.3201,  
0.4033

193.3858, 0.3163,  
0.3557

 5.6538, 0.3208,  
0.4215

236.3709, 0.3161,  
0.3539

 2.6357, 0.3208,  
0.4510

285.2956, 0.3159,

 0.9447, 0.3524,

0.3524

0.5921

340.5445, 0.3157,  
0.3510

0.0000, 0.0000,  
0.0000

54.1028, 0.3178,  
0.3705

54.1028, 0.3178,  
0.3705

51.7895, 0.3207,  
0.3999

56.7163, 0.3147,  
0.3437

49.7586, 0.3230,  
0.4314

59.6333, 0.3114,  
0.3195

48.0010, 0.3246,  
0.4640

62.8657, 0.3081,  
0.2981

46.5043, 0.3251,  
0.4964

66.4230, 0.3049,  
0.2792

45.2551, 0.3244,  
0.5266

69.3465, 0.3116,  
0.2756

■ 44.2390, 0.3222,  
0.5527

■ 70.2556, 0.3152,  
0.2762

■ 43.4393, 0.3187,  
0.5729

■ 42.8369, 0.3141,  
0.5861

■ 42.6376, 0.3123,  
0.5902

# Harmonies

## Analogous

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



54.1028, 0.3422, 0.3740



54.1028, 0.3178, 0.3705



54.1028, 0.2928, 0.3543

# Triad

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



54.1028, 0.3178, 0.3705



54.1028, 0.2680, 0.2922



54.1028, 0.3531, 0.3253

# Complementary

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



54.1028, 0.3178, 0.3705



43.7828, 0.3066, 0.2890

# 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.



54.1028, 0.3319, 0.3054



54.1028, 0.3178, 0.3705



54.1028, 0.2828, 0.2866

# Square

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



54.1028, 0.3178, 0.3705



54.1028, 0.2647, 0.3080



54.1028, 0.3060, 0.2915



54.1028, 0.3632, 0.3467



# Rectangle

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



54.1028, 0.3178, 0.3705



54.1028, 0.2790, 0.3390



54.1028, 0.3060, 0.2915



54.1028, 0.3470, 0.3182

# Sweetspot

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



54.1051, 0.3178, 0.3705



97.5113, 0.3144, 0.3414



52.9491, 0.3381, 0.3574



20.7989, 0.3146, 0.3433



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

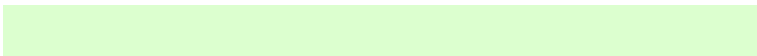


# Same Dimension

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



54.1051, 0.3178, 0.3705



91.2538, 0.3188, 0.3800



53.3380, 0.3059, 0.3620



12.0304, 0.3158, 0.3526



26.8478, 0.3132, 0.5895



1.3087, 0.3295, 0.5766



# Inverse Universe

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



43.7828, 0.3066, 0.2890



70.3859, 0.3051, 0.2802



44.6800, 0.3204, 0.2981



10.6604, 0.3094, 0.3059



6.4429, 0.2511, 0.1157



0.3402, 0.2663, 0.1240



# Previews

## White Background



This preview shows how the Yxy color 54.1028, 0.3178, 0.3705 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

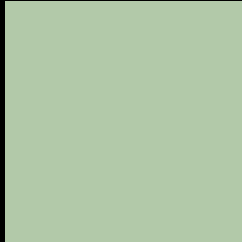
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.1028, 0.3178, 0.3705 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

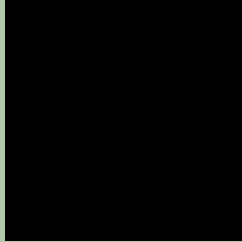
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.1028, 0.3178, 0.3705**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.1028, 0.3178, 0.3705.



This preview shows how white text looks on a background with the Yxy color 54.1028, 0.3178, 0.3705.

# 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

54.1028, 0.3178, 0.3705

### Protanopia

53.6939, 0.3436, 0.3634

### Deuteranopia

53.8914, 0.3540, 0.3467



## Tritanopia

54.0476, 0.2936, 0.3094

# Trichromacy



## Original Color

54.1028, 0.3178, 0.3705

## Protanomaly

53.8351, 0.3346, 0.3666

## Deuteranomaly

53.6187, 0.3399, 0.3547

## Tritanomaly

53.8631, 0.3018, 0.3302

# Monochromacy



## Original Color

54.1028, 0.3178, 0.3705

## Achromatopsia

51.4918, 0.3127, 0.3290

## Achromatomaly

52.4001, 0.3152, 0.3442

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.1028, 0.3178, 0.3705 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(178, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(178, 201, 169)  
}
```

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(178, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 201, 169) }
```

## Border

The CSS property to change the border of an element to Yxy 54.1028, 0.3178, 0.3705 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(178, 201, 169) }
```

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

```
.border{ border-color:rgb(178, 201, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(178, 201,  
169) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.1028, 0.3178, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 201, 169) }
```

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

```
.background{ background-color: rgb(178,  
201, 169) }
```

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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