

# Converting Colors

Yxy(56.0638, 0.3032, 0.3451)

Have a look what the booklet for  
Yxy(56.0638, 0.3032, 0.3451)  
contains.

<b>Yxy(56.0133, 0.3036, 0.3454)</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(56.0133, 0.3036, 0.3454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3CBBE
RGB	179, 203, 190
RGB Percent	70%, 80%, 75%
CMY	0.2981, 0.2039, 0.2550
CMYK	0.12, 0.00, 0.06, 0.20
HSL	147°, 19%, 75%
HSV	147°, 12%, 80%
XYZ	49.2346, 56.0133, 56.9214
YIQ	194.3420, -10.1310, -9.1310

# Conversions

## Conversions Part 2

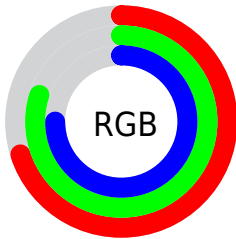
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 195, 203
Decimal	11783102
CIE Lab	79.62, -10.60, 3.75
CIE LCh	80, 11.247, 160.526
Yxy	56.0133, 0.3036, 0.3454
Android (android.graphics.Color)	4289973182 (0xFFB3CBBE)
YUV	194.3420, -2.1406, -13.4549
Hunter-Lab	74.8420, -13.5478, 7.2961

# Details

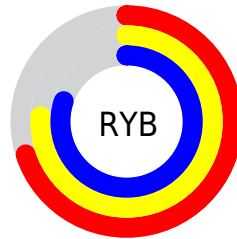
The Yxy color **56.0133, 0.3036, 0.3454** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.7348, 0.3230, 0.3132**, and the grayscale version is **54.1775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3055, 0.3379**, and **27.7367, 0.3007, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **53.3094, 0.2961, 0.3610**, and if you desaturate by 10%, it is **59.1144, 0.3113, 0.3314**.

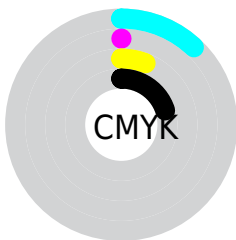
# Distribution



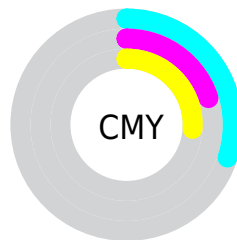
- Red (70%)
- Green (80%)
- Blue (75%)



- Red (70%)
- Yellow (76%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)




- Cyan (30%)
- Magenta (20%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0133, 0.3036, 0.3454 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 56.0133, 0.3036, 0.3454 by changing the saturation by 10% instead.





 56.0133, 0.3036,  
0.3454

 56.0133, 0.3036,  
0.3454


409.7416, 0.3081,  
0.3374

 40.2136, 0.3025,  
0.3474


 99.0240, 0.3052,  
0.3425

 27.7051, 0.3011,  
0.3499


127.0038, 0.3058,  
0.3414

 18.1035, 0.2993,  
0.3532


159.8124, 0.3063,  
0.3405

 11.0243, 0.2968,  
0.3577

197.8343, 0.3068,  
0.3397

 6.0832, 0.2932,  
0.3643

241.4537, 0.3072,  
0.3390

 2.8957, 0.2874,  
0.3748

291.0552, 0.3075,

 1.0775, 0.2762,

0.3384

0.3949

347.0230, 0.3078,  
0.3378

0.0000, 0.0000,  
0.0000

56.0133, 0.3036,  
0.3454

56.0133, 0.3036,  
0.3454

53.3094, 0.2961,  
0.3610

59.1144, 0.3113,  
0.3314

50.9792, 0.2891,  
0.3783

62.6209, 0.3190,  
0.3190

49.0078, 0.2829,  
0.3970

66.5496, 0.3266,  
0.3080

47.3760, 0.2778,  
0.4171

69.9185, 0.3301,  
0.2980

46.0634, 0.2741,  
0.4380

70.5708, 0.3221,  
0.2875

■ 45.0468, 0.2721,  
0.4593

■ 71.1979, 0.3151,  
0.2782

■ 44.2999, 0.2721,  
0.4803

■ 43.7913, 0.2740,  
0.5004

■ 43.5076, 0.2766,  
0.5158

# Harmonies

## Analogous

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



56.0133, 0.3184, 0.3535



56.0133, 0.3036, 0.3454



56.0133, 0.2914, 0.3327

# Triad

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



56.0133, 0.3036, 0.3454



56.0133, 0.2934, 0.3042



56.0133, 0.3414, 0.3377

# Complementary

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



56.0133, 0.3036, 0.3454



48.7348, 0.3230, 0.3132

# 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.



56.0133, 0.3344, 0.3249



56.0133, 0.3036, 0.3454



56.0133, 0.3065, 0.3059

# Square

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



56.0133, 0.3036, 0.3454



56.0133, 0.2856, 0.3089



56.0133, 0.3215, 0.3134



56.0133, 0.3405, 0.3486



# Rectangle

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



56.0133, 0.3036, 0.3454



56.0133, 0.2863, 0.3235



56.0133, 0.3215, 0.3134



56.0133, 0.3399, 0.3335

# Sweetspot

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



56.0157, 0.3036, 0.3454



97.7655, 0.3096, 0.3344



57.2037, 0.3216, 0.3587



20.8386, 0.3090, 0.3354



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

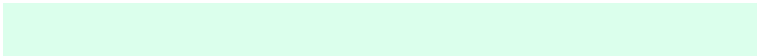


# Same Dimension

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



56.0157, 0.3036, 0.3454



92.6624, 0.3018, 0.3489



56.5540, 0.2955, 0.3304



12.6210, 0.3055, 0.3418



27.7021, 0.2759, 0.5132



1.4444, 0.2654, 0.4753



# Inverse Universe

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



48.7348, 0.3230, 0.3132



78.2911, 0.3253, 0.3099



48.2313, 0.3328, 0.3276



11.3137, 0.3207, 0.3165



8.8156, 0.4766, 0.2399

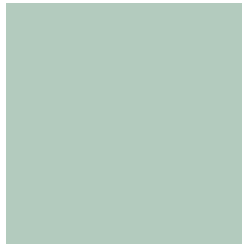


0.4700, 0.4381, 0.2187



# Previews

## White Background



This preview shows how the Yxy color 56.0133, 0.3036, 0.3454 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

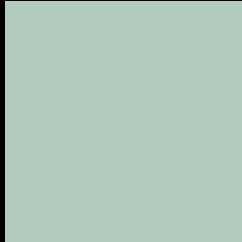
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.0133, 0.3036, 0.3454 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

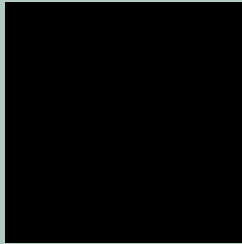
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

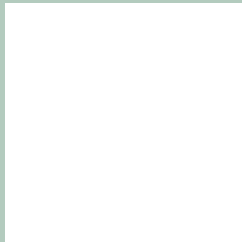
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.0133, 0.3036, 0.3454**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.0133, 0.3036, 0.3454.

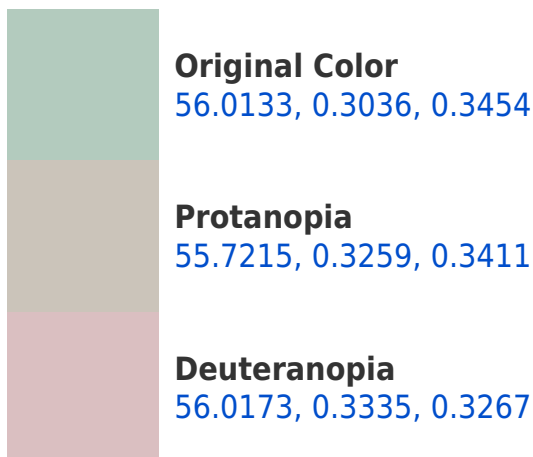


This preview shows how white text looks on a background with the Yxy color 56.0133, 0.3036, 0.3454.

# 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

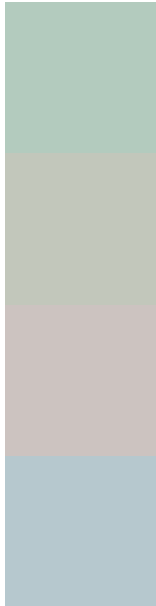




## Tritanopia

55.8204, 0.2895, 0.3095

# Trichromacy



**Original Color**

56.0133, 0.3036, 0.3454

**Protanomaly**

55.9040, 0.3175, 0.3438

**Deuteranomaly**

55.6734, 0.3222, 0.3326

**Tritanomaly**

55.7099, 0.2949, 0.3216

# Monochromacy



**Original Color**

56.0133, 0.3036, 0.3454

**Achromatopsia**

53.9479, 0.3127, 0.3290

**Achromatomaly**

54.6016, 0.3093, 0.3339

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.0133, 0.3036, 0.3454 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(179, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(179, 203, 190)  
}
```

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(179, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 203, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 56.0133, 0.3036, 0.3454 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(179, 203, 190) }
```

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

```
.border{ border-color:rgb(179, 203, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 203, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 203, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 203, 190);  
box-shadow:4px 4px 4px 4px rgb(179, 203,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.0133, 0.3036, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 203, 190) }
```

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

```
.background{ background-color: rgb(179,  
203, 190) }
```

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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