

# Converting Colors

Yxy(56.6813, 0.2892, 0.3274)

Have a look what the booklet for  
Yxy(56.6813, 0.2892, 0.3274)  
contains.

<b>Yxy(56.5262, 0.2886, 0.3264)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(56.5262, 0.2886, 0.3264)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ADCCCE
RGB	173, 204, 206
RGB Percent	68%, 80%, 81%
CMY	0.3213, 0.2001, 0.1921
CMYK	0.16, 0.01, 0.00, 0.19
HSL	184°, 25%, 74%
HSV	184°, 16%, 81%
XYZ	49.9800, 56.5262, 66.6746
YIQ	194.9590, -19.1180, -5.9500

# Conversions

## Conversions Part 2

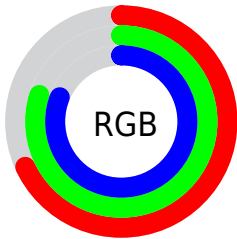
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	173, 189, 206
Decimal	11390158
CIE Lab	79.91, -9.84, -4.47
CIE LCh	80, 10.809, 204.426
Yxy	56.5262, 0.2886, 0.3264
Android (android.graphics.Color)	4289580238 (0xFFADCCCE)
YUV	194.9590, 5.4432, -19.2580
Hunter-Lab	75.1839, -12.9105, 0.0492

# Details

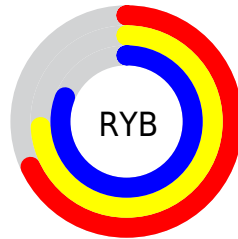
The Yxy color **56.5262, 0.2886, 0.3264** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8423, 0.3423, 0.3316**, and the grayscale version is **54.5320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **28.0728, 0.2820, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **53.7574, 0.2746, 0.3246**, and if you desaturate by 10%, it is **59.6667, 0.3035, 0.3281**.

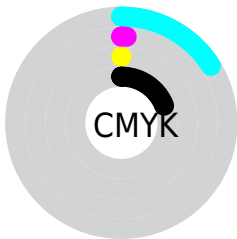
# Distribution



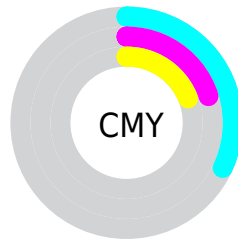
- Red (68%)
- Green (80%)
- Blue (81%)



- Red (68%)
- Yellow (74%)
- Blue (81%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)




- Cyan (32%)
- Magenta (20%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5262, 0.2886, 0.3264 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 56.5262, 0.2886, 0.3264 by changing the saturation by 10% instead.





 56.5262, 0.2886,  
0.3264

 56.5262, 0.2886,  
0.3264


411.6715, 0.3002,  
0.3278

 40.6250, 0.2858,  
0.3260


 99.7735, 0.2927,  
0.3269

 28.0262, 0.2824,  
0.3256


127.8884, 0.2943,  
0.3271

 18.3454, 0.2778,  
0.3249


160.8433, 0.2956,  
0.3273

 11.1982, 0.2718,  
0.3240

199.0226, 0.2968,  
0.3274

 6.2003, 0.2631,  
0.3226

242.8106, 0.2978,  
0.3275

 2.9673, 0.2499,  
0.3203

292.5919, 0.2987,

 1.1147, 0.2272,

0.3276

0.3155

348.7507, 0.2995,  
0.3277

0.0000, 0.0000,  
0.0000

56.5262, 0.2886,  
0.3264

56.5262, 0.2886,  
0.3264

53.7574, 0.2746,  
0.3246

59.6667, 0.3035,  
0.3281

51.3369, 0.2617,  
0.3227

63.1874, 0.3190,  
0.3296

49.2490, 0.2503,  
0.3207

67.1052, 0.3347,  
0.3310

47.4744, 0.2405,  
0.3187

71.3428, 0.3502,  
0.3322

45.9915, 0.2326,  
0.3166

71.9669, 0.3499,  
0.3335

■ 44.7763, 0.2266,  
0.3145

■ 72.5960, 0.3497,  
0.3348

■ 43.8005, 0.2225,  
0.3124

■ 73.2300, 0.3494,  
0.3361

■ 43.0290, 0.2200,  
0.3104

■ 73.8690, 0.3492,  
0.3374

■ 42.7500, 0.2193,  
0.3096

■ 74.5130, 0.3490,  
0.3387

# Harmonies

## Analogous

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



56.5262, 0.2981, 0.3394



56.5262, 0.2886, 0.3264



56.5262, 0.2855, 0.3145

# Triad

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



56.5262, 0.2886, 0.3264



56.5262, 0.3134, 0.3096



56.5262, 0.3363, 0.3512

# Complementary

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



56.5262, 0.2886, 0.3264



46.8423, 0.3423, 0.3316

# 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.



56.5262, 0.3407, 0.3426



56.5262, 0.2886, 0.3264



56.5262, 0.3273, 0.3188

# Square

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



56.5262, 0.2886, 0.3264



56.5262, 0.2996, 0.3052



56.5262, 0.3374, 0.3308



56.5262, 0.3256, 0.3539



# Rectangle

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



56.5262, 0.2886, 0.3264



56.5262, 0.2874, 0.3088



56.5262, 0.3374, 0.3308



56.5262, 0.3386, 0.3489

# Sweetspot

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



56.5285, 0.2886, 0.3264



97.1625, 0.3049, 0.3282



56.1247, 0.3096, 0.3694



20.7142, 0.3038, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

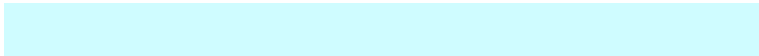


# Same Dimension

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



56.5285, 0.2886, 0.3264



90.0551, 0.2839, 0.3258



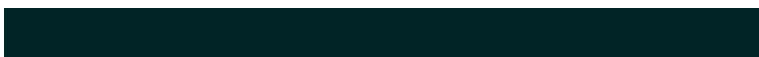
49.2717, 0.2877, 0.3059



12.6043, 0.2984, 0.3275



26.3739, 0.2194, 0.3099



1.3972, 0.2205, 0.3138



# Inverse Universe

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



47.3984, 0.3162, 0.2921



72.6976, 0.3170, 0.2844



53.4877, 0.3392, 0.3511



11.3914, 0.3147, 0.3075



10.4655, 0.3368, 0.1629



0.5436, 0.3334, 0.1610



# Previews

## White Background



This preview shows how the Yxy color 56.5262, 0.2886, 0.3264 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

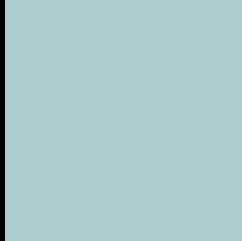
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.5262, 0.2886, 0.3264 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

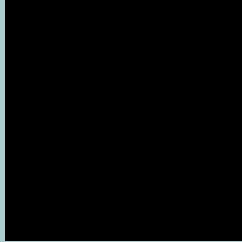
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

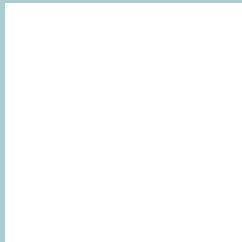
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.5262, 0.2886, 0.3264**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.5262, 0.2886, 0.3264.



This preview shows how white text looks on a background with the Yxy color 56.5262, 0.2886, 0.3264.

# 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

56.5262, 0.2886, 0.3264

### Protanopia

56.4761, 0.3114, 0.3230

### Deuteranopia

56.2504, 0.3168, 0.3105



## Tritanopia

56.4170, 0.2821, 0.3093

# Trichromacy



## Original Color

56.5262, 0.2886, 0.3264

## Protanomaly

56.5675, 0.3029, 0.3253

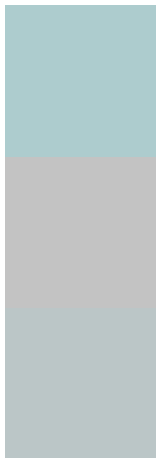
## Deuteranomaly

55.9906, 0.3063, 0.3159

## Tritanomaly

56.5656, 0.2841, 0.3154

# Monochromacy



## Original Color

56.5262, 0.2886, 0.3264

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

55.0765, 0.3035, 0.3277

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.5262, 0.2886, 0.3264 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(173, 204, 206)` looks like.

```
.text, #text, p{  
    color:rgb(173, 204, 206)  
}
```

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(173, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 204, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 56.5262, 0.2886, 0.3264 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(173, 204, 206) }
```

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

```
.border{ border-color:rgb(173, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(173, 204,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.5262, 0.2886, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 204, 206) }
```

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

```
.background{ background-color: rgb(173,  
204, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor