

# Converting Colors

$Yxy(60.0524, 0.2857, 0.3513)$

Have a look what the booklet for  
Yxy(60.0524, 0.2857, 0.3513)  
contains.

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# Color

**Yxy(60.1057, 0.2861, 0.3518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0D7C5
RGB	160, 215, 197
RGB Percent	63%, 84%, 77%
CMY	0.3725, 0.1569, 0.2273
CMYK	0.26, 0.00, 0.08, 0.16
HSL	160°, 41%, 74%
HSV	160°, 26%, 84%
XYZ	48.8807, 60.1057, 61.8655
YIQ	196.5030, -27.0020, -17.2580

# Conversions

## Conversions Part 2

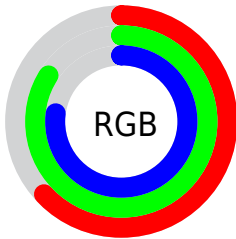
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 193, 215
Decimal	10540997
CIELab	81.90, -21.37, 3.14
CIELCh	82, 21.600, 171.655
Yxy	60.1057, 0.2861, 0.3518
Android (android.graphics.Color)	4288731077 (0xFFA0D7C5)
YUV	196.5030, 0.2450, -32.0131
Hunter-Lab	77.5279, -23.1309, 6.9574

# Details

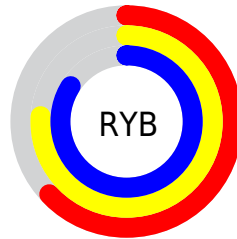
The Yxy color **60.1057, 0.2861, 0.3518** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8088, 0.3492, 0.3074**, and the grayscale version is **55.5348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2747, 0.2900, 0.3300**, and **30.2506, 0.2794, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **57.7656, 0.2769, 0.3622**, and if you desaturate by 10%, it is **62.8490, 0.2961, 0.3422**.

# Distribution



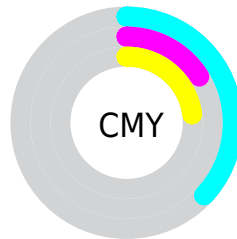
- Red (63%)
- Green (84%)
- Blue (77%)



- Red (63%)
- Yellow (76%)
- Blue (84%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)




- Cyan (37%)
- Magenta (16%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1057, 0.2861, 0.3518 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 60.1057, 0.2861, 0.3518 by changing the saturation by 10% instead.





 60.1057, 0.2861,  
0.3518

 60.1057, 0.2861,  
0.3518


424.9873, 0.2989,  
0.3407

 43.5038, 0.2830,  
0.3545


 104.9830, 0.2906,  
0.3479

 30.2806, 0.2792,  
0.3578


 134.0272, 0.2924,  
0.3464

 20.0517, 0.2742,  
0.3622


167.9876, 0.2939,  
0.3451

 12.4326, 0.2675,  
0.3682

207.2487, 0.2951,  
0.3440

 7.0390, 0.2580,  
0.3768

252.1948, 0.2963,  
0.3430

 3.4865, 0.2434,  
0.3901

303.2104, 0.2972,

 1.3907, 0.2174,

0.3422

0.4142

360.6797, 0.2981,  
0.3414

0.2099, 0.0000,  
0.9575

0.0000, 0.0000,  
0.0000

60.1057, 0.2861,  
0.3518

60.1057, 0.2861,  
0.3518

57.7656, 0.2769,  
0.3622

62.8490, 0.2961,  
0.3422

55.8012, 0.2689,  
0.3734


66.0065, 0.3067,  
0.3335

54.1935, 0.2624,  
0.3853


69.5980, 0.3176,  
0.3256


52.9184, 0.2575,  
0.3976


73.6399, 0.3285,  
0.3186

 51.9490, 0.2547,  
0.4101


 75.6956, 0.3302,  
0.3119

 51.2539, 0.2538,  
0.4227


 76.1033, 0.3253,  
0.3051

 50.7947, 0.2549,  
0.4351

 76.5272, 0.3205,  
0.2983

 50.6362, 0.2557,  
0.4406

 76.9674, 0.3157,  
0.2917

 77.0801, 0.3145,  
0.2900

# Harmonies

## Analogous

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



60.1057, 0.3125, 0.3717



60.1057, 0.2861, 0.3518



60.1057, 0.2673, 0.3256

# Triad

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



60.1057, 0.2861, 0.3518



60.1057, 0.2847, 0.2832



60.1057, 0.3680, 0.3525

# Complementary

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



60.1057, 0.2861, 0.3518



42.8088, 0.3492, 0.3074

# 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.



60.1057, 0.3601, 0.3296



60.1057, 0.2861, 0.3518



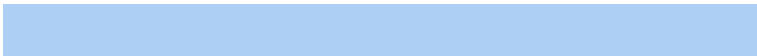
60.1057, 0.3110, 0.2908

# Square

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



60.1057, 0.2861, 0.3518



60.1057, 0.2666, 0.2868



60.1057, 0.3389, 0.3074



60.1057, 0.3603, 0.3708



# Rectangle

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



60.1057, 0.2861, 0.3518



60.1057, 0.2612, 0.3090



60.1057, 0.3389, 0.3074



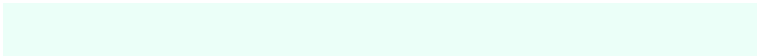
60.1057, 0.3671, 0.3451

# Sweetspot

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



60.1082, 0.2861, 0.3518



95.9121, 0.3040, 0.3356



60.6447, 0.3227, 0.3987



20.3745, 0.3024, 0.3369



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

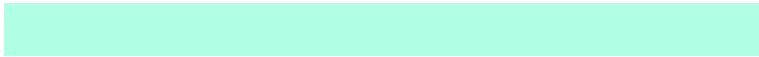


# Same Dimension

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



60.1082, 0.2861, 0.3518



86.4106, 0.2807, 0.3577



56.4450, 0.2744, 0.3174



14.0356, 0.3026, 0.3367



30.3073, 0.2552, 0.4387



1.8429, 0.2493, 0.4174



# Inverse Universe

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



42.8088, 0.3492, 0.3074



56.5452, 0.3603, 0.3023



45.4292, 0.3640, 0.3403



12.4871, 0.3240, 0.3214



8.9250, 0.5651, 0.2887



0.5534, 0.5159, 0.2616



# Previews

## White Background



This preview shows how the Yxy color 60.1057, 0.2861, 0.3518 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

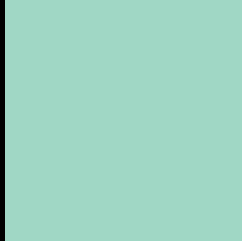
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.1057, 0.2861, 0.3518 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

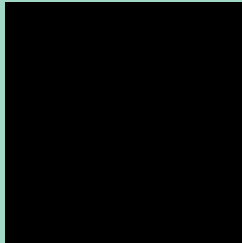
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

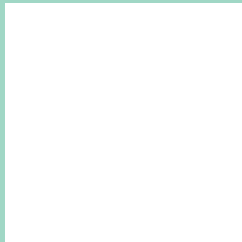
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.1057, 0.2861, 0.3518**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.1057, 0.2861, 0.3518.



This preview shows how white text looks on a background with the Yxy color 60.1057, 0.2861, 0.3518.

# 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

60.1057, 0.2861, 0.3518

### Protanopia

59.6604, 0.3278, 0.3431

### Deuteranopia

59.3849, 0.3307, 0.3234



## Tritanopia

60.2416, 0.2717, 0.3095

# Trichromacy



## Original Color

60.1057, 0.2861, 0.3518

## Protanomaly

59.6824, 0.3112, 0.3460

## Deuteranomaly

59.1614, 0.3125, 0.3326

## Tritanomaly

59.9373, 0.2770, 0.3240

# Monochromacy



## Original Color

60.1057, 0.2861, 0.3518

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

57.4073, 0.3025, 0.3376

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.1057, 0.2861, 0.3518 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(160, 215, 197)` looks like.

```
.text, #text, p{  
    color:rgb(160, 215, 197)  
}
```

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(160, 215, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 215, 197) }
```

## Border

The CSS property to change the border of an element to Yxy 60.1057, 0.2861, 0.3518 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(160, 215, 197) }
```

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

```
.border{ border-color:rgb(160, 215, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 215, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 215, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 215, 197);  
box-shadow:4px 4px 4px 4px rgb(160, 215,  
197) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.1057, 0.2861, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 215, 197) }
```

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

```
.background{ background-color: rgb(160,  
215, 197) }
```

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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