

# Converting Colors

$Yxy(60.1928, 0.2681, 0.3400)$

Have a look what the booklet for  
Yxy(60.1928, 0.2681, 0.3400)  
contains.

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# Color

**Yxy(60.4090, 0.2680, 0.3404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DDAD1
RGB	141, 218, 209
RGB Percent	55%, 85%, 82%
CMY	0.4473, 0.1451, 0.1803
CMYK	0.35, 0.00, 0.04, 0.15
HSL	173°, 51%, 70%
HSV	173°, 35%, 85%
XYZ	47.5606, 60.4090, 69.4952
YIQ	193.9510, -43.0030, -19.1230

# Conversions

## Conversions Part 2

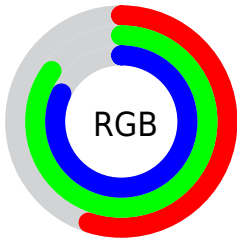
Format	Color
<a href="#">RYB</a>	<a href="#">141, 182, 218</a>
Decimal	<a href="#">9296593</a>
CIELab	<a href="#">82.06, -25.72, -3.13</a>
CIElCh	<a href="#">82, 25.909, 186.937</a>
Yxy	<a href="#">60.4090, 0.2680, 0.3404</a>
Android (android.graphics.Color)	<a href="#">4287486673 (0xFF8DDAD1)</a>
YUV	<a href="#">193.9510, 7.4192, -46.4380</a>
Hunter-Lab	<a href="#">77.7232, -26.7876, 1.3929</a>

# Details

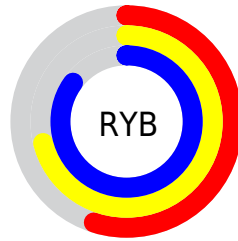
The Yxy color **60.4090, 0.2680, 0.3404** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.1408, 0.3869, 0.3183**, and the grayscale version is **53.8882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **30.5394, 0.2565, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **58.5608, 0.2580, 0.3442**, and if you desaturate by 10%, it is **62.6402, 0.2794, 0.3369**.

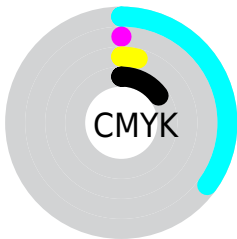
# Distribution



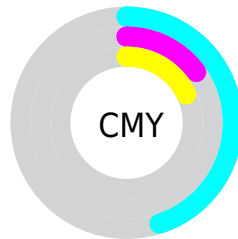
- Red (55%)
- Green (85%)
- Blue (82%)



- Red (55%)
- Yellow (71%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)




- Cyan (45%)
- Magenta (15%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4090, 0.2680, 0.3404 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 60.4090, 0.2680, 0.3404 by changing the saturation by 10% instead.



 60.4090, 0.2680,  
0.3404

 60.4090, 0.2680,  
0.3404


426.1037, 0.2892,  
0.3352

 43.7484, 0.2630,  
0.3416


 105.4227, 0.2755,  
0.3386

 30.4727, 0.2568,  
0.3430


 134.5447, 0.2783,  
0.3379

 20.1977, 0.2489,  
0.3448


168.5891, 0.2808,  
0.3373

 12.5388, 0.2383,  
0.3471

207.9406, 0.2829,  
0.3368

 7.1118, 0.2236,  
0.3502

252.9833, 0.2848,  
0.3363

 3.5321, 0.2019,  
0.3544

304.1019, 0.2864,

 1.4154, 0.1637,

0.3359

0.3614

361.6805, 0.2879,  
0.3355

0.2281, 0.0000,  
0.3281

0.0000, 0.0000,  
0.0000

60.4090, 0.2680,  
0.3404

60.4090, 0.2680,  
0.3404

58.5608, 0.2580,  
0.3442

62.6402, 0.2794,  
0.3369

57.0660, 0.2497,  
0.3481

65.2673, 0.2919,  
0.3336


55.9027, 0.2432,  
0.3521

68.3119, 0.3053,  
0.3305


55.0431, 0.2386,  
0.3561


71.7916, 0.3192,  
0.3278


 54.4552, 0.2359,  
0.3602


 75.7230, 0.3335,  
0.3253

 54.0995, 0.2351,  
0.3642

 76.8048, 0.3354,  
0.3228

 53.9813, 0.2350,  
0.3661

 76.9439, 0.3336,  
0.3203

 77.0851, 0.3318,  
0.3177

 77.2283, 0.3301,  
0.3152

# Harmonies

## Analogous

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



60.4090, 0.2955, 0.3700



60.4090, 0.2680, 0.3404



60.4090, 0.2527, 0.3091

# Triad

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



60.4090, 0.2680, 0.3404



60.4090, 0.2943, 0.2778



60.4090, 0.3765, 0.3689

# Complementary

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



60.4090, 0.2680, 0.3404



36.1408, 0.3869, 0.3183

# 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.



60.4090, 0.3768, 0.3434



60.4090, 0.2680, 0.3404



60.4090, 0.3279, 0.2926

# Square

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



60.4090, 0.2680, 0.3404



60.4090, 0.2672, 0.2750



60.4090, 0.3586, 0.3160



60.4090, 0.3584, 0.3856



# Rectangle

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



60.4090, 0.2680, 0.3404



60.4090, 0.2508, 0.2922



60.4090, 0.3586, 0.3160



60.4090, 0.3787, 0.3610

# Sweetspot

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



60.4114, 0.2680, 0.3404



94.8541, 0.2975, 0.3322



58.5479, 0.3139, 0.4329



20.1781, 0.2957, 0.3326



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

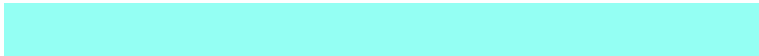


# Same Dimension

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



60.4114, 0.2680, 0.3404



84.2489, 0.2608, 0.3430



46.8880, 0.2578, 0.2898



14.8021, 0.2998, 0.3317



32.3473, 0.2349, 0.3655



2.1032, 0.2330, 0.3589



# Inverse Universe

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



36.1408, 0.3869, 0.3183



44.9597, 0.4092, 0.3162



45.7613, 0.3842, 0.3649



13.0761, 0.3273, 0.3263



8.9811, 0.6251, 0.3217

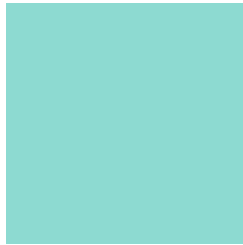


0.5902, 0.5910, 0.3029



# Previews

## White Background



This preview shows how the Yxy color 60.4090, 0.2680, 0.3404 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

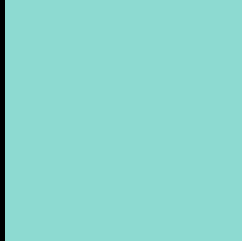
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.4090, 0.2680, 0.3404 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

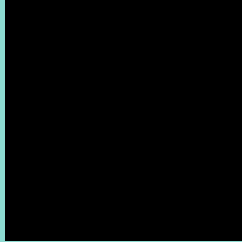
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

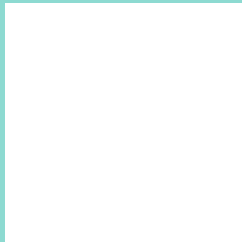
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.4090, 0.2680, 0.3404**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.4090, 0.2680, 0.3404.



This preview shows how white text looks on a background with the Yxy color 60.4090, 0.2680, 0.3404.

# 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

60.4090, 0.2680, 0.3404

### Protanopia

59.6766, 0.3180, 0.3314

### Deuteranopia

59.6420, 0.3175, 0.3110



## Tritanopia

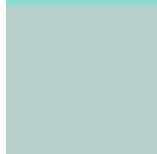
60.6301, 0.2585, 0.3079

# Trichromacy



## Original Color

60.4090, 0.2680, 0.3404



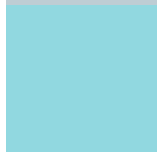
## Protanomaly

59.4908, 0.2977, 0.3351



## Deuteranomaly

59.3633, 0.2968, 0.3206



## Tritanomaly

60.5133, 0.2618, 0.3189

# Monochromacy



## Original Color

60.4090, 0.2680, 0.3404



## Achromatopsia

53.9479, 0.3127, 0.3290



## Achromatomaly

55.9494, 0.2945, 0.3340

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.4090, 0.2680, 0.3404 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(141, 218, 209)` looks like.

```
.text, #text, p{  
    color:rgb(141, 218, 209)  
}
```

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(141, 218, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 218, 209) }
```

## Border

The CSS property to change the border of an element to Yxy 60.4090, 0.2680, 0.3404 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(141, 218, 209) }
```

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

```
.border{ border-color:rgb(141, 218, 209) }
```

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

Here you see how a box with a 4 pixel rgb(141, 218, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 218, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 218, 209);  
box-shadow:4px 4px 4px 4px rgb(141, 218,  
209) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.4090, 0.2680, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 218, 209) }
```

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

```
.background{ background-color: rgb(141,  
218, 209) }
```

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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