

# Converting Colors

Yxy(60.4861, 0.2835, 0.3205)

Have a look what the booklet for  
Yxy(60.4861, 0.2835, 0.3205)  
contains.

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# Color

**Yxy(60.2169, 0.2834, 0.3204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFD2D9
RGB	175, 210, 217
RGB Percent	69%, 82%, 85%
CMY	0.3134, 0.1765, 0.1490
CMYK	0.19, 0.03, 0.00, 0.15
HSL	190°, 36%, 77%
HSV	190°, 19%, 85%
XYZ	53.2630, 60.2169, 74.4630
YIQ	200.3330, -23.1070, -5.2430

# Conversions

## Conversions Part 2

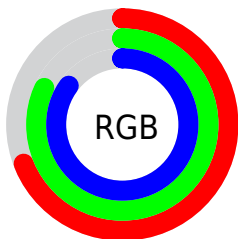
Format	Color
<b>RYB</b>	175, 194, 217
Decimal	11522777
CIELab	81.96, -10.00, -7.32
CIELCh	82, 12.392, 216.193
Yxy	60.2169, 0.2834, 0.3204
Android (android.graphics.Color)	4289712857 (0xFFAFD2D9)
YUV	200.3330, 8.2168, -22.2170
Hunter-Lab	77.5995, -13.2798, -2.5738

# Details

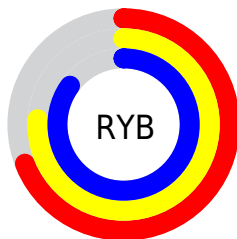
The Yxy color **60.2169, 0.2834, 0.3204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.3454, 0.3490, 0.3374**, and the grayscale version is **57.9433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **30.5231, 0.2764, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **56.1324, 0.2691, 0.3154**, and if you desaturate by 10%, it is **64.7506, 0.2984, 0.3250**.

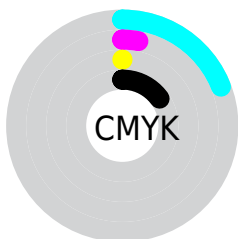
# Distribution



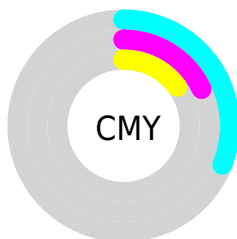
- Red (69%)
- Green (82%)
- Blue (85%)



- Red (69%)
- Yellow (76%)
- Blue (85%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2169, 0.2834, 0.3204 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 60.2169, 0.2834, 0.3204 by changing the saturation by 10% instead.



■ 60.2169, 0.2834,  
0.3204

■ 60.2169, 0.2834,  
0.3204

425.3968, 0.2973,  
0.3247

■ 43.5935, 0.2801,  
0.3193

■ 105.1442, 0.2883,  
0.3219

■ 30.3510, 0.2761,  
0.3180

134.2170, 0.2902,  
0.3225

■ 20.1052, 0.2708,  
0.3162

168.2082, 0.2918,  
0.3230

■ 12.4715, 0.2638,  
0.3138

207.5025, 0.2932,  
0.3234

■ 7.0657, 0.2541,  
0.3102

252.4840, 0.2944,  
0.3238

■ 3.5032, 0.2396,  
0.3046

303.5374, 0.2955,

■ 1.3997, 0.2158,

0.3241

0.2944

361.0468, 0.2965,  
0.3244

0.2165, 0.0000,  
0.2246

0.0000, 0.0000,  
0.0000

60.2169, 0.2834,  
0.3204

60.2169, 0.2834,  
0.3204

56.1324, 0.2691,  
0.3154

64.7506, 0.2984,  
0.3250

52.4702, 0.2557,  
0.3100


69.7443, 0.3138,  
0.3293

49.2117, 0.2437,  
0.3044

75.2176, 0.3292,  
0.3331


46.3339, 0.2332,  
0.2985

79.8584, 0.3396,  
0.3366

 43.8111, 0.2245,  
0.2925


 81.8377, 0.3390,  
0.3402


 41.6142, 0.2177,  
0.2865

 83.8589, 0.3385,  
0.3438


 39.7089, 0.2129,  
0.2805

 85.9224, 0.3380,  
0.3474

 38.0385, 0.2097,  
0.2745

 88.0283, 0.3374,  
0.3509

 37.9287, 0.2095,  
0.2741

 90.1771, 0.3369,  
0.3544

# Harmonies

## Analogous

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



60.2169, 0.2914, 0.3351



60.2169, 0.2834, 0.3204



60.2169, 0.2830, 0.3086

# Triad

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



60.2169, 0.2834, 0.3204



60.2169, 0.3198, 0.3108



60.2169, 0.3352, 0.3560

# Complementary

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



60.2169, 0.2834, 0.3204



51.3454, 0.3490, 0.3374

# 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.



60.2169, 0.3433, 0.3486



60.2169, 0.2834, 0.3204



60.2169, 0.3343, 0.3227

# Square

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



60.2169, 0.2834, 0.3204



60.2169, 0.3037, 0.3035



60.2169, 0.3430, 0.3364



60.2169, 0.3211, 0.3561



# Rectangle

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



60.2169, 0.2834, 0.3204



60.2169, 0.2871, 0.3039



60.2169, 0.3430, 0.3364



60.2169, 0.3387, 0.3543

# Sweetspot

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



60.2194, 0.2834, 0.3204



95.5898, 0.3034, 0.3265



62.1307, 0.3057, 0.3727



20.3606, 0.3024, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

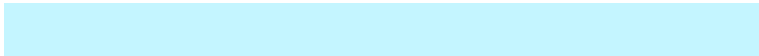


# Same Dimension

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



60.2194, 0.2834, 0.3204



84.4186, 0.2777, 0.3185



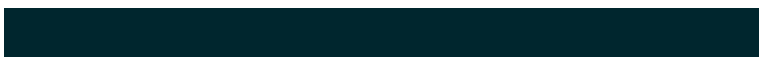
50.5510, 0.2818, 0.2942



14.4392, 0.2982, 0.3250



23.0936, 0.2097, 0.2750



1.5966, 0.2124, 0.2847



# Inverse Universe

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



50.0950, 0.3206, 0.2889



67.5017, 0.3225, 0.2806



60.5758, 0.3445, 0.3615



13.2355, 0.3163, 0.3098



10.9551, 0.3681, 0.1801



0.7199, 0.3591, 0.1752



# Previews

## White Background



This preview shows how the Yxy color 60.2169, 0.2834, 0.3204 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

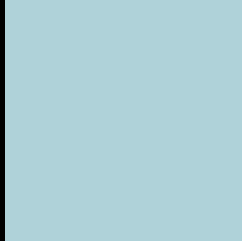
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.2169, 0.2834, 0.3204 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

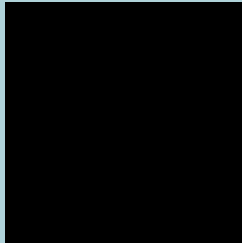
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

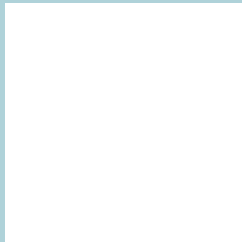
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.2169, 0.2834, 0.3204**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.2169, 0.2834, 0.3204.



This preview shows how white text looks on a background with the Yxy color 60.2169, 0.2834, 0.3204.

# 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

60.2169, 0.2834, 0.3204

### Protanopia

59.8319, 0.3072, 0.3174

### Deuteranopia

60.1544, 0.3108, 0.3043



## Tritanopia

60.3843, 0.2797, 0.3098

# Trichromacy



## Original Color

60.2169, 0.2834, 0.3204

## Protanomaly

59.8551, 0.2976, 0.3183

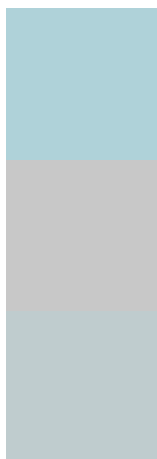
## Deuteranomaly

59.7730, 0.3001, 0.3093

## Tritanomaly

60.1050, 0.2809, 0.3133

# Monochromacy



## Original Color

60.2169, 0.2834, 0.3204

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

58.7183, 0.3015, 0.3266

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.2169, 0.2834, 0.3204 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(175, 210, 217)` looks like.

```
.text, #text, p{  
  color:rgb(175, 210, 217)  
}
```

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(175, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 210, 217) }
```

## Border

The CSS property to change the border of an element to Yxy 60.2169, 0.2834, 0.3204 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(175, 210, 217) }
```

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

```
.border{ border-color:rgb(175, 210, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(175, 210,  
217) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.2169, 0.2834, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 210, 217) }
```

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

```
.background{ background-color: rgb(175,  
210, 217) }
```

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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