

Converting Colors

Yxy(56.9743, 0.2839, 0.3203)

Have a look what the booklet for
Yxy(56.9743, 0.2839, 0.3203)
contains.

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Color

Yxy(57.0740, 0.2834, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	ABCDD4
RGB	171, 205, 212
RGB Percent	67%, 80%, 83%
CMY	0.3293, 0.1961, 0.1685
CMYK	0.19, 0.03, 0.00, 0.17
HSL	190°, 32%, 75%
HSV	190°, 19%, 83%
XYZ	50.5146, 57.0740, 70.6563
YIQ	195.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

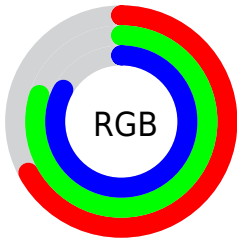
Format	Color
RYB	171, 190, 212
Decimal	11259348
CIELab	80.22, -9.74, -7.25
CIELCh	80, 12.143, 216.676
Yxy	57.0740, 0.2834, 0.3202
Android (android.graphics.Color)	4289449428 (0xFFABCDD4)
YUV	195.6320, 8.0694, -21.6023
Hunter-Lab	75.5473, -12.8541, -2.5683

Details

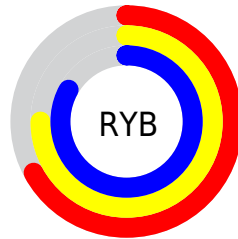
The Yxy color **57.0740, 0.2834, 0.3202** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8005, 0.3490, 0.3376**, and the grayscale version is **54.9348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **28.4191, 0.2763, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **53.1649, 0.2691, 0.3151**, and if you desaturate by 10%, it is **61.4101, 0.2984, 0.3249**.

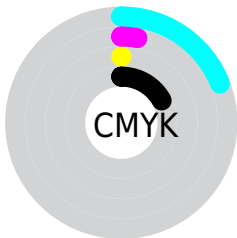
Distribution



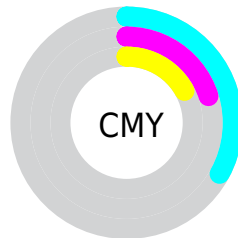
- Red (67%)
- Green (80%)
- Blue (83%)



- Red (67%)
- Yellow (75%)
- Blue (83%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (33%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0740, 0.2834, 0.3202 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 57.0740, 0.2834, 0.3202 by changing the saturation by 10% instead.

■ 57.0740, 0.2834,
0.3202

■ 57.0740, 0.2834,
0.3202

■ 413.7265, 0.2974,
0.3246

■ 41.0647, 0.2801,
0.3191

■ 100.5732, 0.2884,
0.3218

■ 28.3696, 0.2759,
0.3177

■ 128.8318, 0.2903,
0.3224

■ 18.6045, 0.2705,
0.3158

■ 161.9422, 0.2919,
0.3229

■ 11.3848, 0.2633,
0.3132

■ 200.2890, 0.2933,
0.3234

■ 6.3263, 0.2530,
0.3094

■ 244.2564, 0.2945,
0.3237

■ 3.0445, 0.2376,
0.3033

■ 294.2289, 0.2956,

■ 1.1550, 0.2117,

0.3241

0.2918

350.5908, 0.2966,
0.3244

0.0245, 0.0000,
0.0439

0.0000, 0.0000,
0.0000

57.0740, 0.2834,
0.3202

57.0740, 0.2834,
0.3202

53.1649, 0.2691,
0.3151

61.4101, 0.2984,
0.3249

49.6573, 0.2557,
0.3096

66.1833, 0.3137,
0.3293

46.5336, 0.2436,
0.3038

71.4123, 0.3292,
0.3332

43.7720, 0.2331,
0.2978

76.9547, 0.3439,
0.3367

■ 41.3484, 0.2243,
0.2917

■ 78.8772, 0.3433,
0.3403

■ 39.2351, 0.2175,
0.2855

■ 80.8414, 0.3427,
0.3439

■ 37.3999, 0.2126,
0.2793

■ 82.8475, 0.3421,
0.3475

■ 35.7882, 0.2093,
0.2733

■ 84.8957, 0.3415,
0.3511

■ 35.6852, 0.2091,
0.2729

■ 86.9864, 0.3409,
0.3546

Harmonies

Analogous

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



57.0740, 0.2913, 0.3348



57.0740, 0.2834, 0.3202



57.0740, 0.2832, 0.3085

Triad

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



57.0740, 0.2834, 0.3202



57.0740, 0.3201, 0.3110



57.0740, 0.3349, 0.3560

Complementary

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



57.0740, 0.2834, 0.3202



48.8005, 0.3490, 0.3376

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.



57.0740, 0.3431, 0.3487



57.0740, 0.2834, 0.3202



57.0740, 0.3345, 0.3229

Square

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



57.0740, 0.2834, 0.3202



57.0740, 0.3040, 0.3036



57.0740, 0.3430, 0.3366



57.0740, 0.3209, 0.3559

Rectangle

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



57.0740, 0.2834, 0.3202



57.0740, 0.2873, 0.3039



57.0740, 0.3430, 0.3366



57.0740, 0.3385, 0.3543

Sweetspot

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



57.0763, 0.2834, 0.3202



95.5515, 0.3034, 0.3264



58.9675, 0.3057, 0.3727



20.3515, 0.3024, 0.3261



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.



57.0763, 0.2834, 0.3202



84.2775, 0.2777, 0.3182



47.9821, 0.2819, 0.2942



13.7288, 0.2983, 0.3249



22.1542, 0.2094, 0.2737



1.4340, 0.2123, 0.2843

Inverse Universe

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



47.5414, 0.3208, 0.2891



67.4875, 0.3226, 0.2808



57.4926, 0.3445, 0.3615



12.5945, 0.3164, 0.3099



10.5813, 0.3693, 0.1808



0.6481, 0.3595, 0.1754

Previews

White Background



This preview shows how the Yxy color 57.0740, 0.2834, 0.3202 looks on a white background.

Color Contrast Check

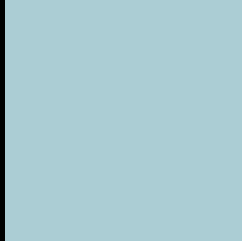
Large Text (above 18pt) WCAG AA × Fail

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 57.0740, 0.2834, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

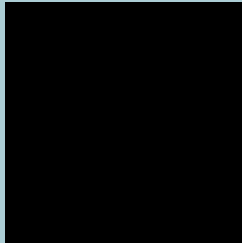
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0740, 0.2834, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 57.0740, 0.2834, 0.3202.



This preview shows how white text looks on a background with the Yxy color 57.0740, 0.2834, 0.3202.

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

57.0740, 0.2834, 0.3202

Protanopia

56.5796, 0.3070, 0.3171

Deuteranopia

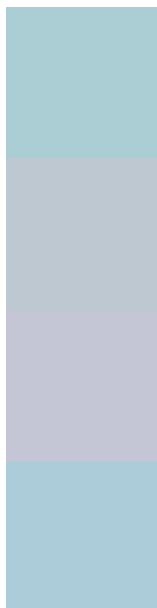
56.8439, 0.3115, 0.3049



Tritanopia

57.2373, 0.2797, 0.3094

Trichromacy



Original Color

57.0740, 0.2834, 0.3202

Protanomaly

56.7308, 0.2980, 0.3181

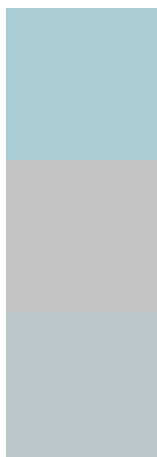
Deuteranomaly

56.4724, 0.3005, 0.3100

Tritanomaly

56.9661, 0.2809, 0.3129

Monochromacy



Original Color

57.0740, 0.2834, 0.3202

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6759, 0.3013, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0740, 0.2834, 0.3202 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(171, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(171, 205, 212)  
}
```

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(171, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 205, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.0740, 0.2834, 0.3202 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(171, 205, 212) }
```

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

```
.border{ border-color:rgb(171, 205, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 205, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(171, 205,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0740, 0.2834, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 205, 212) }
```

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

```
.background{ background-color: rgb(171,  
205, 212) }
```

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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