

Converting Colors

$Y_{xy}(57.9402, 0.2832, 0.3301)$

Have a look what the booklet for
Yxy(57.9402, 0.2832, 0.3301)
contains.

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Color

Yxy(57.7237, 0.2834, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	A6D0CF
RGB	166, 208, 207
RGB Percent	65%, 82%, 81%
CMY	0.3490, 0.1843, 0.1883
CMYK	0.20, 0.00, 0.00, 0.18
HSL	179°, 31%, 73%
HSV	179°, 20%, 82%
XYZ	49.5424, 57.7237, 67.5483
YIQ	195.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

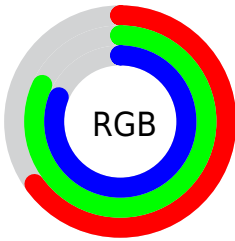
Format	Color
R _Y B	166, 187, 208
Decimal	10932431
CIE Lab	80.58, -13.92, -4.05
CIE LCh	81, 14.499, 196.216
Yxy	57.7237, 0.2834, 0.3302
Android (android.graphics.Color)	4289122511 (0xFFA6D0CF)
YUV	195.3280, 5.7543, -25.7207
Hunter-Lab	75.9761, -16.5622, 0.4702

Details

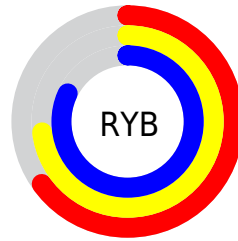
The Yxy color **57.7237, 0.2834, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4758, 0.3516, 0.3278**, and the grayscale version is **54.7559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **28.9218, 0.2756, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **55.6321, 0.2704, 0.3309**, and if you desaturate by 10%, it is **60.1837, 0.2975, 0.3296**.

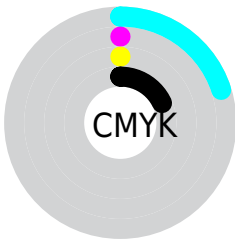
Distribution



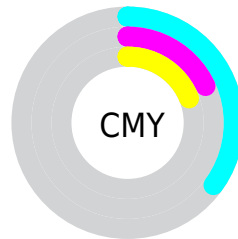
- Red (65%)
- Green (82%)
- Blue (81%)



- Red (65%)
- Yellow (73%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)




- Cyan (35%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7237, 0.2834, 0.3302 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 57.7237, 0.2834, 0.3302 by changing the saturation by 10% instead.

 57.7237, 0.2834,
0.3302

 57.7237, 0.2834,
0.3302


416.1556, 0.2974,
0.3298

 41.5866, 0.2801,
0.3303

 101.5204, 0.2884,
0.3301

 28.7777, 0.2759,
0.3303


 129.9487, 0.2903,
0.3300

 18.9127, 0.2705,
0.3304


163.2429, 0.2919,
0.3300

 11.6072, 0.2632,
0.3304

201.7874, 0.2933,
0.3299

 6.4768, 0.2530,
0.3302

245.9665, 0.2945,
0.3299

 3.1371, 0.2375,
0.3298

296.1646, 0.2956,

 1.2037, 0.2110,

0.3298

0.3282

352.7662, 0.2966,
0.3298

0.0648, 0.0000,
0.1548

0.0000, 0.0000,
0.0000

57.7237, 0.2834,
0.3302

57.7237, 0.2834,
0.3302

55.6321, 0.2704,
0.3309

60.1837, 0.2975,
0.3296

53.8843, 0.2589,
0.3316

63.0212, 0.3124,
0.3290

52.4638, 0.2489,
0.3323

66.2540, 0.3279,
0.3285

51.3499, 0.2408,
0.3331

69.8964, 0.3436,
0.3280

■ 50.5195, 0.2346,
0.3339

■ 71.0039, 0.3477,
0.3276

■ 49.9465, 0.2303,
0.3347

■ 71.0292, 0.3473,
0.3270

■ 49.5996, 0.2278,
0.3355

■ 71.0546, 0.3469,
0.3265

■ 49.4228, 0.2267,
0.3362

■ 71.0800, 0.3466,
0.3260

■ 71.1056, 0.3462,
0.3255

Harmonies

Analogous

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



57.7237, 0.2977, 0.3473



57.7237, 0.2834, 0.3302



57.7237, 0.2769, 0.3134

Triad

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



57.7237, 0.2834, 0.3302



57.7237, 0.3083, 0.3011



57.7237, 0.3468, 0.3559

Complementary

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



57.7237, 0.2834, 0.3302



43.4758, 0.3516, 0.3278

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.



57.7237, 0.3500, 0.3428



57.7237, 0.2834, 0.3302



57.7237, 0.3274, 0.3117

Square

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



57.7237, 0.2834, 0.3302



57.7237, 0.2909, 0.2973



57.7237, 0.3428, 0.3268



57.7237, 0.3343, 0.3622

Rectangle

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



57.7237, 0.2834, 0.3302



57.7237, 0.2776, 0.3048



57.7237, 0.3428, 0.3268



57.7237, 0.3490, 0.3521

Sweetspot

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



57.7261, 0.2834, 0.3302



97.1888, 0.3036, 0.3293



56.1275, 0.3112, 0.3842



20.7398, 0.3026, 0.3294



0.0000, 0.0000, 0.0000



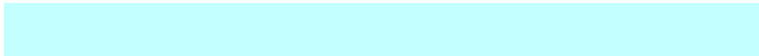
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7261, 0.2834, 0.3302



90.0870, 0.2779, 0.3305



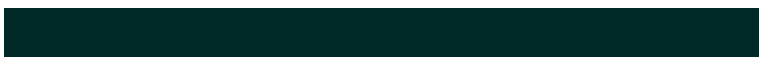
48.8015, 0.2812, 0.3037



13.4019, 0.2986, 0.3295



30.8033, 0.2267, 0.3361



1.7239, 0.2263, 0.3347

Inverse Universe

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



43.4758, 0.3516, 0.3278



63.7081, 0.3619, 0.3276



51.1156, 0.3479, 0.3531



11.8129, 0.3287, 0.3285



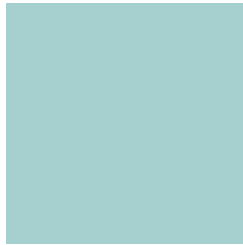
8.3668, 0.6372, 0.3284



0.4695, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 57.7237, 0.2834, 0.3302 looks on a white background.

Color Contrast Check

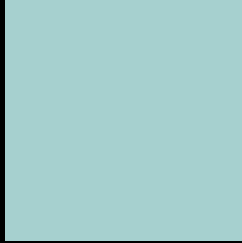
Large Text (above 18pt) WCAG AA × Fail

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 57.7237, 0.2834, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

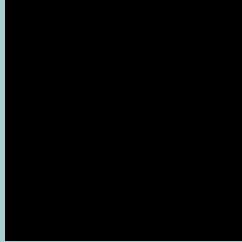
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

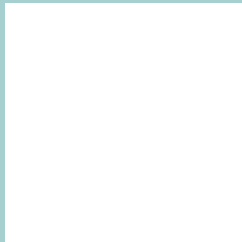
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7237, 0.2834, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 57.7237, 0.2834, 0.3302.



This preview shows how white text looks on a background with the Yxy color 57.7237, 0.2834, 0.3302.

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

57.7237, 0.2834, 0.3302

Protanopia

57.1618, 0.3137, 0.3254

Deuteranopia

57.5329, 0.3168, 0.3107



Tritanopia

57.8516, 0.2760, 0.3093

Trichromacy



Original Color

57.7237, 0.2834, 0.3302

Protanomaly

57.3717, 0.3021, 0.3278

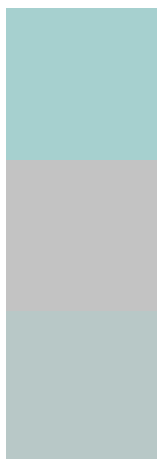
Deuteranomaly

57.3206, 0.3040, 0.3171

Tritanomaly

57.9602, 0.2785, 0.3166

Monochromacy



Original Color

57.7237, 0.2834, 0.3302

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.6224, 0.3012, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7237, 0.2834, 0.3302 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(166, 208, 207)` looks like.

```
.text, #text, p{  
    color:rgb(166, 208, 207)  
}
```

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(166, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 208, 207) }
```

Border

The CSS property to change the border of an element to Yxy 57.7237, 0.2834, 0.3302 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(166, 208, 207) }
```

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

```
.border{ border-color:rgb(166, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(166, 208,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7237, 0.2834, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 208, 207) }
```

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

```
.background{ background-color: rgb(166,  
208, 207) }
```

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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