

Converting Colors

Yxy(57.4066, 0.2834, 0.3247)

Have a look what the booklet for
Yxy(57.4066, 0.2834, 0.3247)
contains.

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Color

Yxy(57.2308, 0.2834, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	A9CED2
RGB	169, 206, 210
RGB Percent	66%, 81%, 82%
CMY	0.3371, 0.1922, 0.1764
CMYK	0.20, 0.02, 0.00, 0.18
HSL	186°, 31%, 74%
HSV	186°, 20%, 82%
XYZ	50.0747, 57.2308, 69.3873
YIQ	195.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

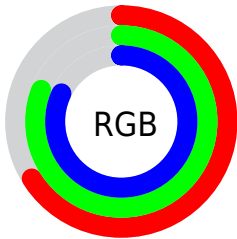
Format	Color
RYB	169, 188, 210
Decimal	11128530
CIELab	80.31, -11.30, -6.06
CIELCh	80, 12.820, 208.203
Yxy	57.2308, 0.2834, 0.3239
Android (android.graphics.Color)	4289318610 (0xFFA9CED2)
YUV	195.3930, 7.2013, -23.1467
Hunter-Lab	75.6510, -14.2371, -1.4252

Details

The Yxy color **57.2308, 0.2834, 0.3239** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.4829, 0.3500, 0.3340**, and the grayscale version is **54.7929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **28.5698, 0.2755, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **54.1074, 0.2695, 0.3210**, and if you desaturate by 10%, it is **60.7450, 0.2982, 0.3266**.

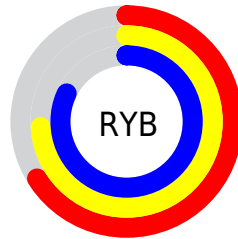
Distribution



Red (66%)

Green (81%)

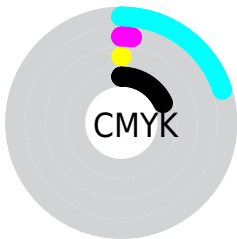
Blue (82%)



Red (66%)

Yellow (74%)

Blue (82%)

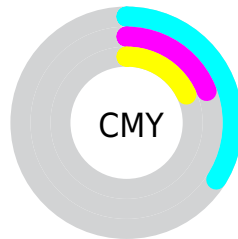


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (34%)


Magenta (19%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2308, 0.2834, 0.3239 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 57.2308, 0.2834, 0.3239 by changing the saturation by 10% instead.


 57.2308, 0.2834,
0.3239

 57.2308, 0.2834,
0.3239


414.3136, 0.2974,
0.3265

 41.1906, 0.2801,
0.3232


 100.8019, 0.2884,
0.3249

 28.4680, 0.2759,
0.3224


129.1015, 0.2903,
0.3252

 18.6788, 0.2705,
0.3212


162.2564, 0.2919,
0.3255

 11.4384, 0.2632,
0.3195

200.6510, 0.2933,
0.3258

 6.3625, 0.2530,
0.3171

244.6696, 0.2945,
0.3260

 3.0667, 0.2376,
0.3129

294.6966, 0.2956,

 1.1667, 0.2114,

0.3262

0.3049

351.1165, 0.2966,
0.3264

0.0342, 0.0000,
0.0691

0.0000, 0.0000,
0.0000

57.2308, 0.2834,
0.3239

57.2308, 0.2834,
0.3239

54.1074, 0.2695,
0.3210

60.7450, 0.2982,
0.3266

51.3499, 0.2568,
0.3179

64.6597, 0.3135,
0.3291

48.9414, 0.2455,
0.3146

68.9927, 0.3291,
0.3314

46.8609, 0.2360,
0.3113

73.7588, 0.3448,
0.3334

■ 45.0848, 0.2282,
0.3079

■ 75.1775, 0.3459,
0.3355

■ 43.5865, 0.2224,
0.3045

■ 76.2420, 0.3455,
0.3376

■ 42.3343, 0.2185,
0.3011

■ 77.3198, 0.3452,
0.3396

■ 41.2740, 0.2161,
0.2978

■ 78.4109, 0.3448,
0.3417

■ 41.2233, 0.2160,
0.2976

■ 79.5154, 0.3444,
0.3437

Harmonies

Analogous

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



57.2308, 0.2937, 0.3394



57.2308, 0.2834, 0.3239



57.2308, 0.2808, 0.3103

Triad

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



57.2308, 0.2834, 0.3239



57.2308, 0.3157, 0.3073



57.2308, 0.3394, 0.3560

Complementary

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



57.2308, 0.2834, 0.3239



46.4829, 0.3500, 0.3340

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.



57.2308, 0.3457, 0.3465



57.2308, 0.2834, 0.3239



57.2308, 0.3318, 0.3187

Square

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



57.2308, 0.2834, 0.3239



57.2308, 0.2991, 0.3013



57.2308, 0.3429, 0.3329



57.2308, 0.3259, 0.3583

Rectangle

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



57.2308, 0.2834, 0.3239



57.2308, 0.2837, 0.3042



57.2308, 0.3429, 0.3329



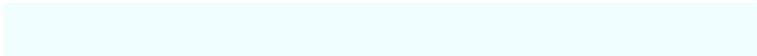
57.2308, 0.3424, 0.3535

Sweetspot

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



57.2331, 0.2834, 0.3239



96.2586, 0.3034, 0.3275



57.5359, 0.3079, 0.3777



20.5192, 0.3024, 0.3273



0.0000, 0.0000, 0.0000



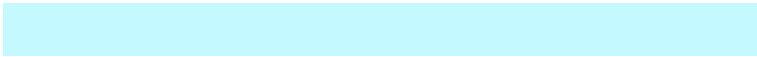
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2331, 0.2834, 0.3239



86.9057, 0.2781, 0.3228



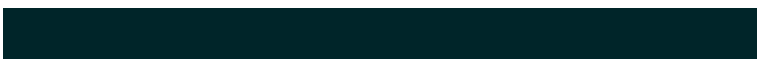
48.2610, 0.2819, 0.2984



13.2005, 0.2983, 0.3266



25.2253, 0.2162, 0.2981



1.4692, 0.2179, 0.3043

Inverse Universe

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



46.5531, 0.3183, 0.2854



67.7528, 0.3195, 0.2768



54.6849, 0.3455, 0.3578



11.9882, 0.3153, 0.3083



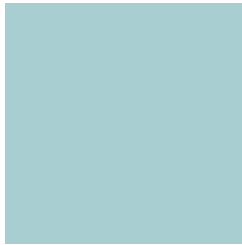
10.6178, 0.3471, 0.1686



0.5996, 0.3417, 0.1656

Previews

White Background



This preview shows how the Yxy color 57.2308, 0.2834, 0.3239 looks on a white background.

Color Contrast Check

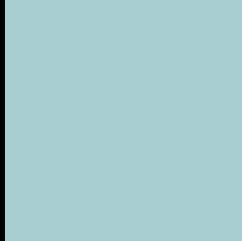
Large Text (above 18pt) WCAG AA × Fail

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 57.2308, 0.2834, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

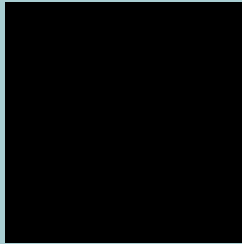
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

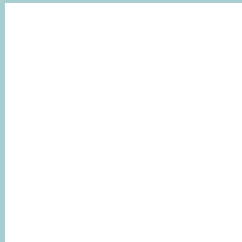
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2308, 0.2834, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 57.2308, 0.2834, 0.3239.

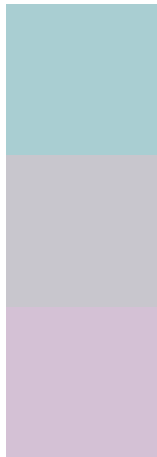


This preview shows how white text looks on a background with the Yxy color 57.2308, 0.2834, 0.3239.

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

57.2308, 0.2834, 0.3239

Protanopia

57.0753, 0.3092, 0.3207

Deuteranopia

56.9411, 0.3130, 0.3061



Tritanopia

57.0641, 0.2777, 0.3081

Trichromacy



Original Color

57.2308, 0.2834, 0.3239

Protanomaly

57.0971, 0.2994, 0.3217

Deuteranomaly

56.8774, 0.3012, 0.3123

Tritanomaly

57.2184, 0.2796, 0.3141

Monochromacy



Original Color

57.2308, 0.2834, 0.3239

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4561, 0.3020, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2308, 0.2834, 0.3239 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(169, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(169, 206, 210)  
}
```

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(169, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 206, 210) }
```

Border

The CSS property to change the border of an element to Yxy 57.2308, 0.2834, 0.3239 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(169, 206, 210) }
```

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

```
.border{ border-color:rgb(169, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(169, 206,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2308, 0.2834, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 206, 210) }
```

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

```
.background{ background-color: rgb(169,  
206, 210) }
```

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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