

Converting Colors

Yxy(57.5786, 0.2848, 0.3326)

Have a look what the booklet for
Yxy(57.5786, 0.2848, 0.3326)
contains.

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Color

Yxy(57.6265, 0.2846, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	A6D0CD
RGB	166, 208, 205
RGB Percent	65%, 82%, 80%
CMY	0.3492, 0.1843, 0.1960
CMYK	0.20, 0.00, 0.01, 0.18
HSL	176°, 31%, 73%
HSV	176°, 20%, 82%
XYZ	49.2952, 57.6265, 66.2869
YIQ	195.1000, -24.0690, -9.8370

Conversions

Conversions Part 2

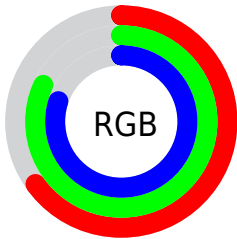
Format	Color
RYB	166, 188, 208
Decimal	10932429
CIELab	80.53, -14.36, -3.07
CIELCh	81, 14.684, 192.084
Yxy	57.6265, 0.2846, 0.3327
Android (android.graphics.Color)	4289122509 (0xFFA6D0CD)
YUV	195.1000, 4.8807, -25.5207
Hunter-Lab	75.9121, -16.9334, 1.3661

Details

The Yxy color **57.6265, 0.2846, 0.3327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5326, 0.3498, 0.3254**, and the grayscale version is **54.6140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **28.8563, 0.2772, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **55.4889, 0.2721, 0.3348**, and if you desaturate by 10%, it is **60.1330, 0.2981, 0.3308**.

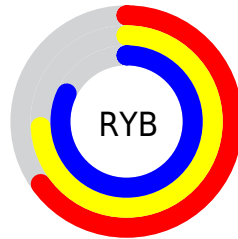
Distribution



Red (65%)

Green (82%)

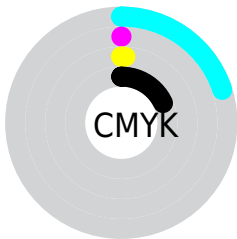
Blue (80%)



Red (65%)

Yellow (74%)

Blue (82%)

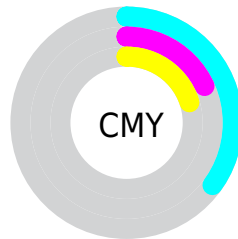


Cyan (20%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (35%)


Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6265, 0.2846, 0.3327 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 57.6265, 0.2846, 0.3327 by changing the saturation by 10% instead.


 57.6265, 0.2846,
0.3327


 57.6265, 0.2846,
0.3327


415.7927, 0.2981,
0.3310

 41.5084, 0.2814,
0.3331


 101.3788, 0.2894,
0.3321

 28.7166, 0.2774,
0.3335


 129.7818, 0.2912,
0.3319

 18.8665, 0.2722,
0.3341


163.0485, 0.2928,
0.3317

 11.5739, 0.2652,
0.3348

201.5635, 0.2941,
0.3315

 6.4542, 0.2553,
0.3356

245.7110, 0.2953,
0.3314

 3.1232, 0.2402,
0.3367

295.8754, 0.2963,

 1.1964, 0.2142,

0.3313

352.4412, 0.2973,
0.3311

0.3382

0.0588, 0.0000,
0.1740

0.0000, 0.0000,
0.0000

57.6265, 0.2846,
0.3327

57.6265, 0.2846,
0.3327

55.4889, 0.2721,
0.3348

60.1330, 0.2981,
0.3308

53.6958, 0.2610,
0.3370

63.0177, 0.3124,
0.3290

52.2305, 0.2514,
0.3392

66.2981, 0.3271,
0.3275

51.0724, 0.2436,
0.3416

69.9889, 0.3421,
0.3260

■ 50.1985, 0.2377,
0.3440

■ 71.1538, 0.3455,
0.3246

■ 49.5823, 0.2337,
0.3464

■ 71.2293, 0.3444,
0.3231

■ 49.1928, 0.2316,
0.3488

■ 71.3056, 0.3433,
0.3216

■ 48.9751, 0.2309,
0.3511

■ 71.3825, 0.3422,
0.3201

■ 71.4602, 0.3411,
0.3186

Harmonies

Analogous

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



57.6265, 0.2999, 0.3496



57.6265, 0.2846, 0.3327



57.6265, 0.2768, 0.3153

Triad

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



57.6265, 0.2846, 0.3327



57.6265, 0.3056, 0.2997



57.6265, 0.3483, 0.3548

Complementary

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



57.6265, 0.2846, 0.3327



43.5326, 0.3498, 0.3254

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.



57.6265, 0.3501, 0.3408



57.6265, 0.2846, 0.3327



57.6265, 0.3250, 0.3097

Square

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



57.6265, 0.2846, 0.3327



57.6265, 0.2886, 0.2970



57.6265, 0.3414, 0.3245



57.6265, 0.3368, 0.3623

Rectangle

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



57.6265, 0.2846, 0.3327



57.6265, 0.2767, 0.3060



57.6265, 0.3414, 0.3245



57.6265, 0.3501, 0.3506

Sweetspot

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



57.6289, 0.2846, 0.3327



97.1426, 0.3040, 0.3300



56.3562, 0.3127, 0.3840



20.7289, 0.3030, 0.3302



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.



57.6289, 0.2846, 0.3327



89.9045, 0.2794, 0.3335



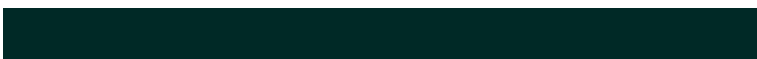
49.6971, 0.2813, 0.3064



13.3919, 0.2992, 0.3306



30.5258, 0.2308, 0.3508



1.7113, 0.2296, 0.3464

Inverse Universe

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



43.5326, 0.3498, 0.3254



63.8398, 0.3595, 0.3246



50.2294, 0.3485, 0.3506



11.8217, 0.3279, 0.3274



8.3844, 0.6316, 0.3253



0.4737, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 57.6265, 0.2846, 0.3327 looks on a white background.

Color Contrast Check

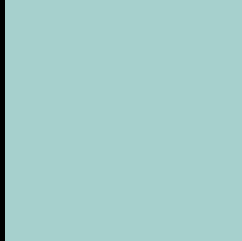
Large Text (above 18pt) WCAG AA × Fail

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 57.6265, 0.2846, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

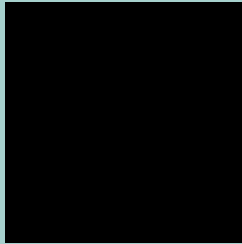
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

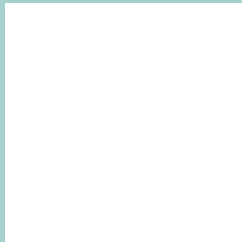
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6265, 0.2846, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 57.6265, 0.2846, 0.3327.

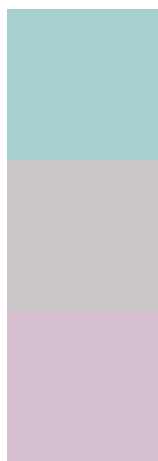


This preview shows how white text looks on a background with the Yxy color 57.6265, 0.2846, 0.3327.

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

57.6265, 0.2846, 0.3327

Protanopia

57.2082, 0.3159, 0.3278

Deuteranopia

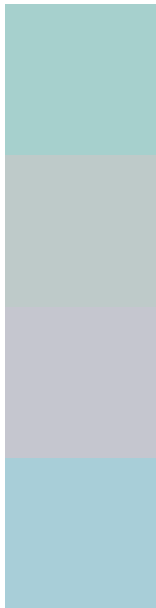
57.1411, 0.3191, 0.3118



Tritanopia

57.3716, 0.2759, 0.3081

Trichromacy



Original Color

57.6265, 0.2846, 0.3327

Protanomaly

57.4053, 0.3043, 0.3302

Deuteranomaly

56.7635, 0.3055, 0.3182

Tritanomaly

57.4253, 0.2790, 0.3165

Monochromacy



Original Color

57.6265, 0.2846, 0.3327

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 57.6265, 0.2846, 0.3327 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(166, 208, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 208, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.6265, 0.2846, 0.3327 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, 205) }
```

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

```
.border{ border-color:rgb(166, 208, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 208, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 208, 205);  
box-shadow:4px 4px 4px 4px rgb(166, 208,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6265, 0.2846, 0.3327 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, 205) }
```

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

```
.background{ background-color: rgb(166,  
208, 205) }
```

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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