

Converting Colors

Yxy(57.4731, 0.2876, 0.3335)

Have a look what the booklet for
Yxy(57.4731, 0.2876, 0.3335)
contains.

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Color

Yxy(57.4203, 0.2872, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	A9CFCC
RGB	169, 207, 204
RGB Percent	66%, 81%, 80%
CMY	0.3374, 0.1882, 0.2000
CMYK	0.18, 0.00, 0.01, 0.19
HSL	175°, 28%, 74%
HSV	175°, 18%, 81%
XYZ	49.5675, 57.4203, 65.6010
YIQ	195.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

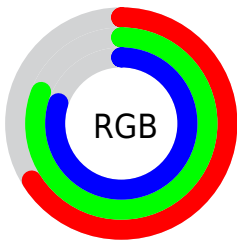
Format	Color
RYB	169, 189, 207
Decimal	11128780
CIELab	80.42, -13.12, -2.69
CIELCh	80, 13.396, 191.568
Yxy	57.4203, 0.2872, 0.3327
Android (android.graphics.Color)	4289318860 (0xFFA9CFCC)
YUV	195.2960, 4.2911, -23.0616
Hunter-Lab	75.7762, -15.8460, 1.7147

Details

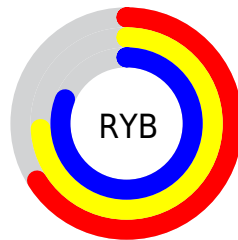
The Yxy color **57.4203, 0.2872, 0.3327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6046, 0.3455, 0.3254**, and the grayscale version is **54.7394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **28.6975, 0.2805, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **55.2341, 0.2746, 0.3350**, and if you desaturate by 10%, it is **59.9745, 0.3008, 0.3306**.

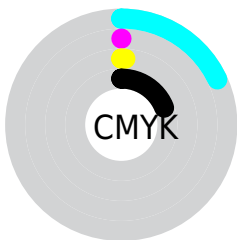
Distribution



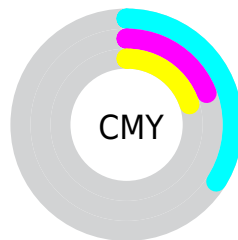
- Red (66%)
- Green (81%)
- Blue (80%)



- Red (66%)
- Yellow (74%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)





- Cyan (34%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4203, 0.2872, 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 57.4203, 0.2872, 0.3327 by changing the saturation by 10% instead.


 57.4203, 0.2872,
0.3327

 57.4203, 0.2872,
0.3327

415.0224, 0.2995,
0.3310

 41.3428, 0.2843,
0.3331


 101.0782, 0.2915,
0.3321

 28.5870, 0.2806,
0.3335


129.4274, 0.2932,
0.3319

 18.7686, 0.2759,
0.3341


162.6359, 0.2946,
0.3317

 11.5032, 0.2695,
0.3349

201.0881, 0.2959,
0.3315

 6.4064, 0.2604,
0.3358

245.1685, 0.2969,
0.3314

 3.0937, 0.2466,
0.3371

295.2614, 0.2979,

 1.1809, 0.2227,

0.3312

0.3390

351.7512, 0.2987,
0.3311

0.0460, 0.0000,
0.1620

0.0000, 0.0000,
0.0000

57.4203, 0.2872,
0.3327

57.4203, 0.2872,
0.3327

55.2341, 0.2746,
0.3350

59.9745, 0.3008,
0.3306

53.3917, 0.2633,
0.3374

62.9056, 0.3151,
0.3287

51.8773, 0.2534,
0.3399

66.2307, 0.3297,
0.3270

50.6706, 0.2454,
0.3425

69.9642, 0.3446,
0.3255

■ 49.7494, 0.2392,
0.3452

■ 70.6552, 0.3459,
0.3238

■ 49.0883, 0.2349,
0.3479

■ 70.7383, 0.3446,
0.3222

■ 48.6577, 0.2325,
0.3505

■ 70.8222, 0.3434,
0.3205

■ 48.4122, 0.2316,
0.3532

■ 70.9069, 0.3422,
0.3188

■ 48.3789, 0.2316,
0.3536

■ 70.9925, 0.3409,
0.3172

Harmonies

Analogous

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



57.4203, 0.3013, 0.3480



57.4203, 0.2872, 0.3327



57.4203, 0.2799, 0.3168

Triad

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



57.4203, 0.2872, 0.3327



57.4203, 0.3059, 0.3021



57.4203, 0.3453, 0.3524

Complementary

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



57.4203, 0.2872, 0.3327



44.6046, 0.3455, 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.



57.4203, 0.3467, 0.3396



57.4203, 0.2872, 0.3327



57.4203, 0.3236, 0.3111

Square

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



57.4203, 0.2872, 0.3327



57.4203, 0.2904, 0.2997



57.4203, 0.3387, 0.3246



57.4203, 0.3350, 0.3593

Rectangle

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



57.4203, 0.2872, 0.3327



57.4203, 0.2797, 0.3082



57.4203, 0.3387, 0.3246



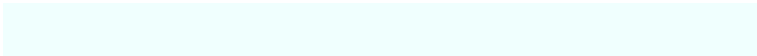
57.4203, 0.3469, 0.3486

Sweetspot

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



57.4227, 0.2872, 0.3327



97.1352, 0.3040, 0.3302



56.2806, 0.3128, 0.3784



20.7271, 0.3031, 0.3303



0.0000, 0.0000, 0.0000



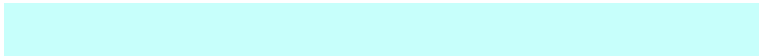
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4227, 0.2872, 0.3327



90.5862, 0.2822, 0.3336



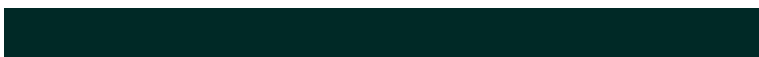
50.2661, 0.2842, 0.3087



13.3903, 0.2993, 0.3308



30.4828, 0.2315, 0.3532



1.7093, 0.2301, 0.3483

Inverse Universe

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



44.6046, 0.3455, 0.3254



66.3885, 0.3542, 0.3246



50.7506, 0.3448, 0.3485



11.8232, 0.3278, 0.3272



8.3876, 0.6306, 0.3248



0.4744, 0.6025, 0.3093

Previews

White Background



This preview shows how the Yxy color 57.4203, 0.2872, 0.3327 looks on a white background.

Color Contrast Check

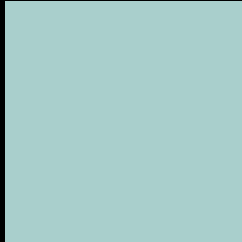
Large Text (above 18pt) WCAG AA × Fail

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 57.4203, 0.2872, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

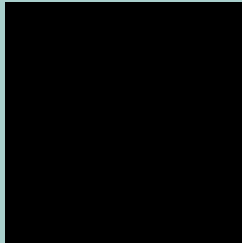
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

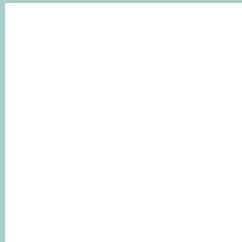
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4203, 0.2872, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 57.4203, 0.2872, 0.3327.



This preview shows how white text looks on a background with the Yxy color 57.4203, 0.2872, 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

57.4203, 0.2872, 0.3327

Protanopia

57.0682, 0.3151, 0.3278

Deuteranopia

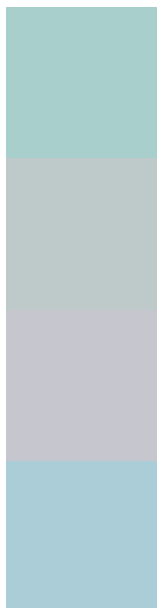
57.0920, 0.3199, 0.3130



Tritanopia

57.1768, 0.2784, 0.3081

Trichromacy



Original Color

57.4203, 0.2872, 0.3327

Protanomaly

56.9375, 0.3043, 0.3290

Deuteranomaly

56.8502, 0.3069, 0.3195

Tritanomaly

57.2269, 0.2815, 0.3166

Monochromacy



Original Color

57.4203, 0.2872, 0.3327

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3632, 0.3034, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4203, 0.2872, 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(169, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(169, 207, 204)  
}
```

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, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 207, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.4203, 0.2872, 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(169, 207, 204) }
```

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

```
.border{ border-color:rgb(169, 207, 204) }
```

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

Here you see how a box with a 4 pixel rgb(169, 207, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(169, 207,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4203, 0.2872, 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(169, 207, 204) }
```

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

```
.background{ background-color: rgb(169,  
207, 204) }
```

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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