

Converting Colors

$Yxy(57.5766, 0.2891, 0.3314)$

Have a look what the booklet for
Yxy(57.5766, 0.2891, 0.3314)
contains.

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Color

Yxy(57.8041, 0.2887, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	ACCFCD
RGB	172, 207, 205
RGB Percent	67%, 81%, 80%
CMY	0.3252, 0.1883, 0.1961
CMYK	0.17, 0.00, 0.01, 0.19
HSL	177°, 27%, 74%
HSV	177°, 17%, 81%
XYZ	50.3562, 57.8041, 66.2637
YIQ	196.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

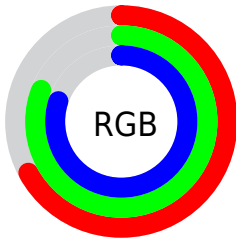
Format	Color
R _{YB}	172, 190, 207
Decimal	11325389
CIE _{Lab}	80.63, -11.92, -2.88
CIE _{LCh}	81, 12.268, 193.594
Y _{xy}	57.8041, 0.2887, 0.3314
Android (android.graphics.Color)	4289515469 (0xFFACCFCD)
YUV	196.3070, 4.2856, -21.3172
Hunter-Lab	76.0290, -14.8251, 1.5457

Details

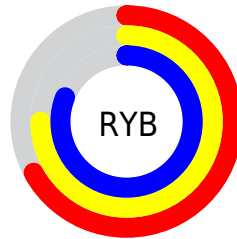
The Yxy color **57.8041, 0.2887, 0.3314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8514, 0.3429, 0.3266**, and the grayscale version is **55.3866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **28.9388, 0.2823, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **55.5863, 0.2757, 0.3330**, and if you desaturate by 10%, it is **60.3919, 0.3027, 0.3299**.

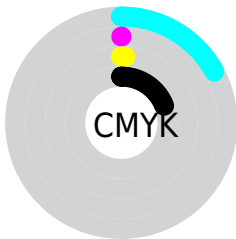
Distribution



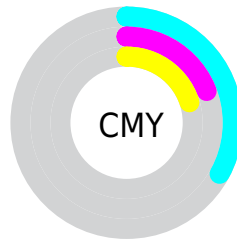
- Red (67%)
- Green (81%)
- Blue (80%)



- Red (67%)
- Yellow (75%)
- Blue (81%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)





- Cyan (33%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8041, 0.2887, 0.3314 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 57.8041, 0.2887, 0.3314 by changing the saturation by 10% instead.

 57.8041, 0.2887,
0.3314

 57.8041, 0.2887,
0.3314


416.4556, 0.3002,
0.3303

 41.6512, 0.2860,
0.3316


 101.6375, 0.2928,
0.3310

 28.8283, 0.2825,
0.3319


130.0868, 0.2943,
0.3309

 18.9509, 0.2781,
0.3322

163.4037, 0.2957,
0.3308

 11.6348, 0.2721,
0.3327

201.9725, 0.2968,
0.3307

 6.4955, 0.2636,
0.3332

246.1778, 0.2978,
0.3306

 3.1487, 0.2507,
0.3338

296.4037, 0.2987,

 1.2098, 0.2287,

0.3305

0.3343

353.0349, 0.2995,
0.3304

0.0697, 0.0000,
0.2008

0.0000, 0.0000,
0.0000

57.8041, 0.2887,
0.3314

57.8041, 0.2887,
0.3314

55.5863, 0.2757,
0.3330

60.3919, 0.3027,
0.3299

53.7145, 0.2639,
0.3347

63.3583, 0.3174,
0.3286

52.1730, 0.2537,
0.3365

66.7205, 0.3324,
0.3274

50.9420, 0.2452,
0.3383

70.4926, 0.3476,
0.3263

■ 49.9995, 0.2385,
0.3402

■ 70.5777, 0.3469,
0.3251

■ 49.3207, 0.2338,
0.3421

■ 70.6369, 0.3460,
0.3239

■ 48.8768, 0.2310,
0.3440

■ 70.6964, 0.3451,
0.3227

■ 48.6296, 0.2298,
0.3458

■ 70.7564, 0.3442,
0.3215

■ 48.5712, 0.2296,
0.3464

■ 70.8169, 0.3433,
0.3203

Harmonies

Analogous

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



57.8041, 0.3013, 0.3455



57.8041, 0.2887, 0.3314



57.8041, 0.2825, 0.3170

Triad

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



57.8041, 0.2887, 0.3314



57.8041, 0.3076, 0.3047



57.8041, 0.3421, 0.3511

Complementary

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



57.8041, 0.2887, 0.3314



45.8514, 0.3429, 0.3266

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.



57.8041, 0.3440, 0.3397



57.8041, 0.2887, 0.3314



57.8041, 0.3238, 0.3133

Square

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



57.8041, 0.2887, 0.3314



57.8041, 0.2931, 0.3021



57.8041, 0.3372, 0.3260



57.8041, 0.3322, 0.3569

Rectangle

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



57.8041, 0.2887, 0.3314



57.8041, 0.2826, 0.3094



57.8041, 0.3372, 0.3260



57.8041, 0.3437, 0.3478

Sweetspot

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



57.8065, 0.2887, 0.3314



97.6150, 0.3053, 0.3297



56.6454, 0.3123, 0.3740



20.8246, 0.3043, 0.3298



0.0000, 0.0000, 0.0000



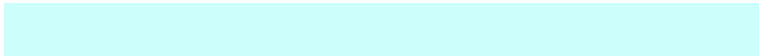
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8065, 0.2887, 0.3314



91.3922, 0.2842, 0.3319



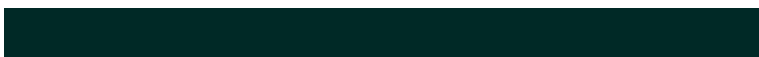
50.9182, 0.2865, 0.3097



13.3950, 0.2991, 0.3303



30.6104, 0.2295, 0.3462



1.7152, 0.2285, 0.3427

Inverse Universe

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



45.8514, 0.3429, 0.3266



68.9457, 0.3504, 0.3261



51.8699, 0.3417, 0.3475



11.8190, 0.3282, 0.3277



8.3787, 0.6334, 0.3263



0.4724, 0.6124, 0.3147

Previews

White Background



This preview shows how the Yxy color 57.8041, 0.2887, 0.3314 looks on a white background.

Color Contrast Check

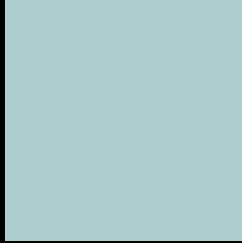
Large Text (above 18pt) WCAG AA × Fail

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 57.8041, 0.2887, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

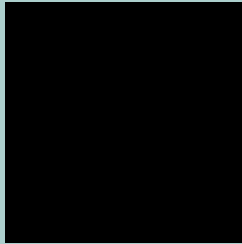
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

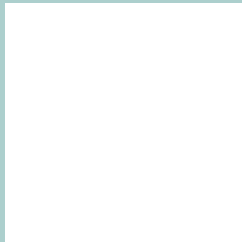
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8041, 0.2887, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 57.8041, 0.2887, 0.3314.

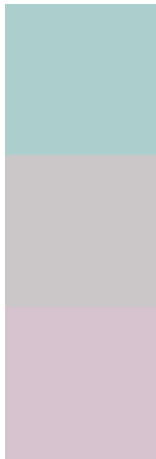


This preview shows how white text looks on a background with the Yxy color 57.8041, 0.2887, 0.3314.

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

57.8041, 0.2887, 0.3314

Protanopia

57.7135, 0.3151, 0.3278

Deuteranopia

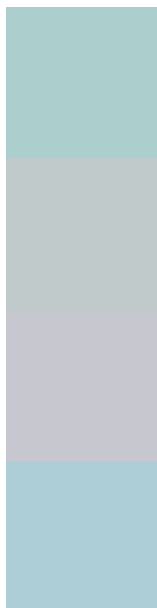
57.5847, 0.3191, 0.3130



Tritanopia

57.9971, 0.2805, 0.3095

Trichromacy



Original Color

57.8041, 0.2887, 0.3314

Protanomaly

57.7118, 0.3051, 0.3290

Deuteranomaly

57.4940, 0.3070, 0.3195

Tritanomaly

58.0476, 0.2836, 0.3179

Monochromacy



Original Color

57.8041, 0.2887, 0.3314

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9969, 0.3034, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8041, 0.2887, 0.3314 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(172, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(172, 207, 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(172, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 207, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.8041, 0.2887, 0.3314 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(172, 207, 205) }
```

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

```
.border{ border-color:rgb(172, 207, 205) }
```

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

Here you see how a box with a 4 pixel rgb(172, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(172, 207,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8041, 0.2887, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 207, 205) }
```

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

```
.background{ background-color: rgb(172,  
207, 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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