

Converting Colors

$Yxy(57.3587, 0.2813, 0.3366)$

Have a look what the booklet for
Yxy(57.3587, 0.2813, 0.3366)
contains.

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Color

Yxy(57.2837, 0.2813, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	9FD1CB
RGB	159, 209, 203
RGB Percent	62%, 82%, 80%
CMY	0.3766, 0.1803, 0.2040
CMYK	0.24, 0.00, 0.03, 0.18
HSL	173°, 35%, 72%
HSV	173°, 24%, 82%
XYZ	47.8726, 57.2837, 65.0270
YIQ	193.3660, -27.8740, -12.4660

Conversions

Conversions Part 2

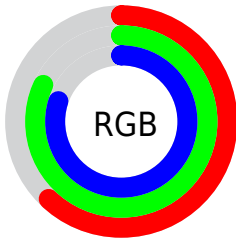
Format	Color
R_{YB}	159, 186, 209
Decimal	10473931
CIE _{Lab}	80.34, -17.43, -2.32
CIE _{LCh}	80, 17.589, 187.593
Yxy	57.2837, 0.2813, 0.3366
Android (android.graphics.Color)	4288664011 (0xFF9FD1CB)
YUV	193.3660, 4.7496, -30.1390
Hunter-Lab	75.6860, -19.5465, 2.0401

Details

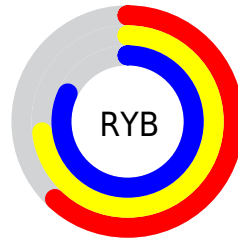
The Yxy color **57.2837, 0.2813, 0.3366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0599, 0.3563, 0.3216**, and the grayscale version is **53.5365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **28.3453, 0.2730, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **55.2084, 0.2698, 0.3402**, and if you desaturate by 10%, it is **59.7269, 0.2939, 0.3332**.

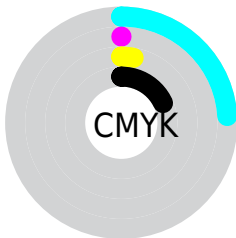
Distribution



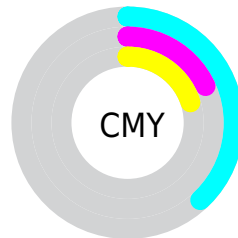
- Red (62%)
- Green (82%)
- Blue (80%)



- Red (62%)
- Yellow (73%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)





- Cyan (38%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2837, 0.2813, 0.3366 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 57.2837, 0.2813, 0.3366 by changing the saturation by 10% instead.


 57.2837, 0.2813,
0.3366


 57.2837, 0.2813,
0.3366


414.5115, 0.2964,
0.3331

 41.2331, 0.2777,
0.3374


 100.8790, 0.2866,
0.3354

 28.5012, 0.2732,
0.3384


 129.1925, 0.2887,
0.3349

 18.7038, 0.2674,
0.3397


162.3624, 0.2904,
0.3345

 11.4565, 0.2595,
0.3414

200.7730, 0.2920,
0.3341

 6.3747, 0.2484,
0.3437

244.8089, 0.2933,
0.3338

 3.0743, 0.2315,
0.3470

294.8543, 0.2944,

 1.1706, 0.1999,

0.3335

0.3533

351.2937, 0.2955,
0.3333

0.0375, 0.0000,
0.1558

0.0000, 0.0000,
0.0000

57.2837, 0.2813,
0.3366

57.2837, 0.2813,
0.3366

55.2084, 0.2698,
0.3402

59.7269, 0.2939,
0.3332

53.4757, 0.2596,
0.3441

62.5479, 0.3073,
0.3301

52.0684, 0.2511,
0.3481

65.7649, 0.3212,
0.3273

50.9645, 0.2443,
0.3522

69.3927, 0.3353,
0.3248

■ 50.1398, 0.2395,
0.3564

■ 71.8020, 0.3430,
0.3224

■ 49.5660, 0.2365,
0.3606

■ 71.9328, 0.3411,
0.3199

■ 49.2088, 0.2354,
0.3648

■ 72.0655, 0.3393,
0.3174

■ 49.0616, 0.2354,
0.3673

■ 72.2002, 0.3374,
0.3148

■ 72.3370, 0.3356,
0.3123

Harmonies

Analogous

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



57.2837, 0.3005, 0.3565



57.2837, 0.2813, 0.3366



57.2837, 0.2705, 0.3153

Triad

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



57.2837, 0.2813, 0.3366



57.2837, 0.3007, 0.2930



57.2837, 0.3566, 0.3576

Complementary

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



57.2837, 0.2813, 0.3366



41.0599, 0.3563, 0.3216

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.



57.2837, 0.3569, 0.3401



57.2837, 0.2813, 0.3366



57.2837, 0.3239, 0.3037

Square

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



57.2837, 0.2813, 0.3366



57.2837, 0.2813, 0.2911



57.2837, 0.3447, 0.3206



57.2837, 0.3442, 0.3683

Rectangle

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



57.2837, 0.2813, 0.3366



57.2837, 0.2693, 0.3035



57.2837, 0.3447, 0.3206



57.2837, 0.3581, 0.3523

Sweetspot

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



57.2860, 0.2813, 0.3366



96.6328, 0.3030, 0.3311



56.1774, 0.3145, 0.3952



20.6244, 0.3022, 0.3313



0.0000, 0.0000, 0.0000



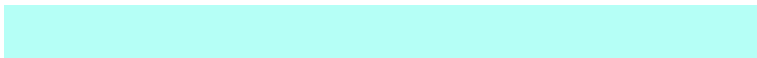
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2860, 0.2813, 0.3366



88.0099, 0.2749, 0.3385



49.0871, 0.2757, 0.3051



13.3816, 0.2999, 0.3318



30.2559, 0.2352, 0.3667



1.6988, 0.2331, 0.3590

Inverse Universe

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



41.0599, 0.3563, 0.3216



58.0435, 0.3696, 0.3199



47.6300, 0.3570, 0.3518



11.8310, 0.3272, 0.3262



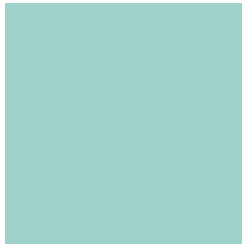
8.4092, 0.6240, 0.3211



0.4781, 0.5850, 0.2996

Previews

White Background



This preview shows how the Yxy color 57.2837, 0.2813, 0.3366 looks on a white background.

Color Contrast Check

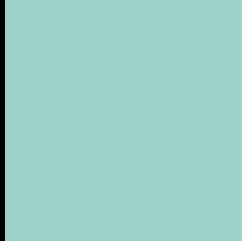
Large Text (above 18pt) WCAG AA × Fail

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 57.2837, 0.2813, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

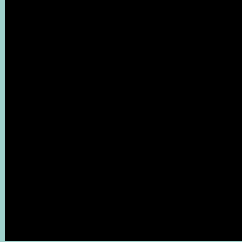
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

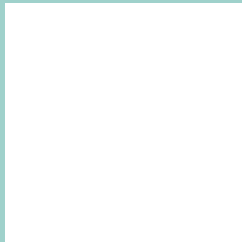
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2837, 0.2813, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 57.2837, 0.2813, 0.3366.

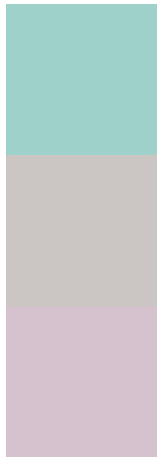


This preview shows how white text looks on a background with the Yxy color 57.2837, 0.2813, 0.3366.

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

57.2837, 0.2813, 0.3366

Protanopia

57.0702, 0.3181, 0.3314

Deuteranopia

56.8923, 0.3198, 0.3141



Tritanopia

57.2569, 0.2715, 0.3079

Trichromacy



Original Color

57.2837, 0.2813, 0.3366

Protanomaly

56.9294, 0.3034, 0.3327

Deuteranomaly

56.7240, 0.3046, 0.3218

Tritanomaly

57.2649, 0.2752, 0.3176

Monochromacy



Original Color

57.2837, 0.2813, 0.3366

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.7018, 0.3003, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2837, 0.2813, 0.3366 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(159, 209, 203)` looks like.

```
.text, #text, p{  
    color:rgb(159, 209, 203)  
}
```

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(159, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 209, 203) }
```

Border

The CSS property to change the border of an element to Yxy 57.2837, 0.2813, 0.3366 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(159, 209, 203) }
```

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

```
.border{ border-color:rgb(159, 209, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 209, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(159, 209,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2837, 0.2813, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 209, 203) }
```

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

```
.background{ background-color: rgb(159,  
209, 203) }
```

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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