

Converting Colors

$Yxy(57.3716, 0.2931, 0.3410)$

Have a look what the booklet for
Yxy(57.3716, 0.2931, 0.3410)
contains.

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Color

Yxy(57.3148, 0.2931, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	ABCFC5
RGB	171, 207, 197
RGB Percent	67%, 81%, 77%
CMY	0.3296, 0.1882, 0.2275
CMYK	0.17, 0.00, 0.05, 0.19
HSL	163°, 27%, 74%
HSV	163°, 17%, 81%
XYZ	49.1773, 57.3148, 61.2913
YIQ	195.0960, -18.2460, -10.7420

Conversions

Conversions Part 2

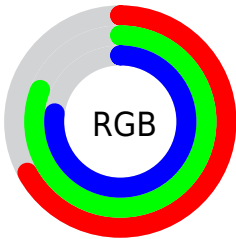
Format	Color
RYB	171, 192, 207
Decimal	11259845
CIELab	80.36, -13.93, 1.00
CIELCh	80, 13.963, 175.913
Yxy	57.3148, 0.2931, 0.3416
Android (android.graphics.Color)	4289449925 (0xFFABCFC5)
YUV	195.0960, 0.9387, -21.1322
Hunter-Lab	75.7065, -16.5368, 4.9940

Details

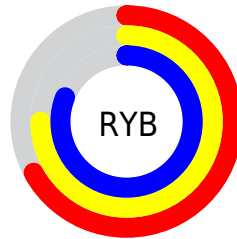
The Yxy color **57.3148, 0.2931, 0.3416** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7113, 0.3370, 0.3168**, and the grayscale version is **54.6321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0067, 0.2963, 0.3300**, and **28.6172, 0.2881, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **54.9137, 0.2827, 0.3498**, and if you desaturate by 10%, it is **60.0947, 0.3042, 0.3341**.

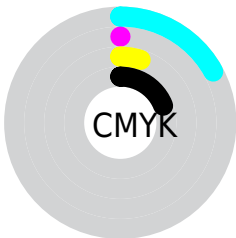
Distribution



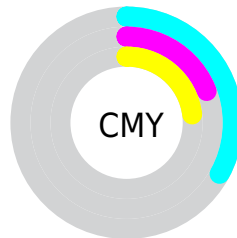
- Red (67%)
- Green (81%)
- Blue (77%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)





- Cyan (33%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3148, 0.2931, 0.3416 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 57.3148, 0.2931, 0.3416 by changing the saturation by 10% instead.


 57.3148, 0.2931,
0.3416

 57.3148, 0.2931,
0.3416


414.6279, 0.3026,
0.3355

 41.2580, 0.2908,
0.3431


 100.9244, 0.2965,
0.3394

 28.5208, 0.2880,
0.3449


129.2460, 0.2978,
0.3386

 18.7186, 0.2842,
0.3474


162.4247, 0.2989,
0.3379

 11.4671, 0.2792,
0.3506

200.8448, 0.2998,
0.3373

 6.3819, 0.2720,
0.3554

244.8908, 0.3006,
0.3367

 3.0787, 0.2608,
0.3628

294.9470, 0.3014,

 1.1730, 0.2405,

0.3363

351.3979, 0.3020,
0.3359

0.3762

0.0394, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3148, 0.2931,
0.3416

57.3148, 0.2931,
0.3416

54.9137, 0.2827,
0.3498

60.0947, 0.3042,
0.3341

52.8674, 0.2732,
0.3587


63.2623, 0.3157,
0.3273

51.1598, 0.2650,
0.3682

66.8348, 0.3274,
0.3213


49.7709, 0.2583,
0.3781


70.8265, 0.3390,
0.3159


 48.6785, 0.2534,
0.3884


 71.3709, 0.3357,
0.3102


 47.8576, 0.2504,
0.3989


 71.6915, 0.3315,
0.3045


 47.2788, 0.2495,
0.4094

 72.0229, 0.3274,
0.2989

 46.9016, 0.2503,
0.4198

 72.3650, 0.3233,
0.2934

 46.8192, 0.2507,
0.4225

 72.7181, 0.3192,
0.2879

Harmonies

Analogous

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



57.3148, 0.3102, 0.3552



57.3148, 0.2931, 0.3416



57.3148, 0.2814, 0.3247

Triad

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



57.3148, 0.2931, 0.3416



57.3148, 0.2966, 0.2987



57.3148, 0.3488, 0.3470

Complementary

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



57.3148, 0.2931, 0.3416



45.7113, 0.3370, 0.3168

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.



57.3148, 0.3450, 0.3319



57.3148, 0.2931, 0.3416



57.3148, 0.3145, 0.3047

Square

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



57.3148, 0.2931, 0.3416



57.3148, 0.2834, 0.3003



57.3148, 0.3323, 0.3167



57.3148, 0.3426, 0.3578

Rectangle

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



57.3148, 0.2931, 0.3416



57.3148, 0.2781, 0.3141



57.3148, 0.3323, 0.3167



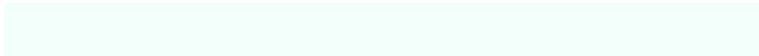
57.3148, 0.3486, 0.3422

Sweetspot

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



57.3172, 0.2931, 0.3416



97.4354, 0.3069, 0.3324



57.4164, 0.3183, 0.3748



20.7808, 0.3061, 0.3329



0.0000, 0.0000, 0.0000



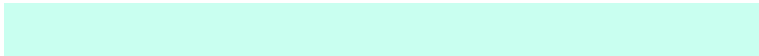
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3172, 0.2931, 0.3416



90.2985, 0.2890, 0.3447



54.0987, 0.2862, 0.3191



13.3487, 0.3019, 0.3355



29.5099, 0.2503, 0.4210



1.6631, 0.2450, 0.4020

Inverse Universe

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



45.7113, 0.3370, 0.3168



68.2183, 0.3436, 0.3139



48.3533, 0.3443, 0.3387



11.8615, 0.3247, 0.3226



8.5611, 0.5823, 0.2981



0.4923, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 57.3148, 0.2931, 0.3416 looks on a white background.

Color Contrast Check

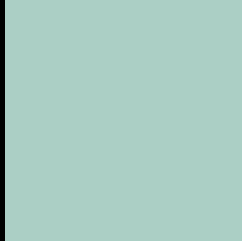
Large Text (above 18pt) WCAG AA × Fail

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 57.3148, 0.2931, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

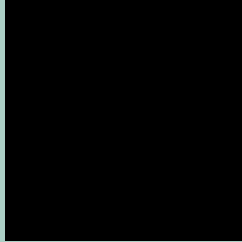
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

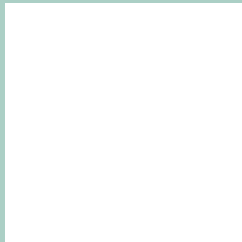
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3148, 0.2931, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 57.3148, 0.2931, 0.3416.

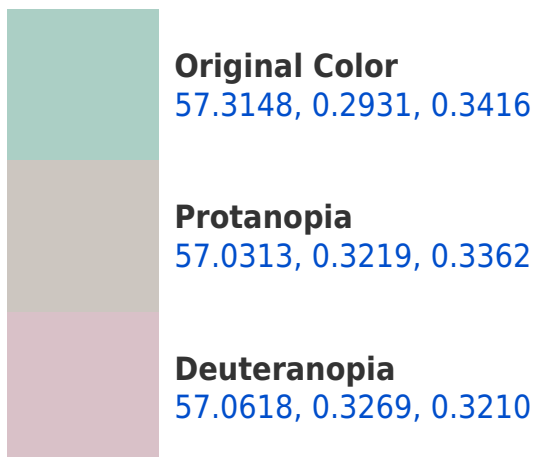


This preview shows how white text looks on a background with the Yxy color 57.3148, 0.2931, 0.3416.

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





Tritanopia

57.4670, 0.2810, 0.3094

Trichromacy



Original Color

57.3148, 0.2931, 0.3416

Protanomaly

56.8748, 0.3108, 0.3375

Deuteranomaly

56.7910, 0.3136, 0.3278

Tritanomaly

57.4148, 0.2855, 0.3203

Monochromacy



Original Color

57.3148, 0.2931, 0.3416

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2715, 0.3048, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3148, 0.2931, 0.3416 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(171, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 197)  
}
```

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(171, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 197) }
```

Border

The CSS property to change the border of an element to Yxy 57.3148, 0.2931, 0.3416 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(171, 207, 197) }
```

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

```
.border{ border-color:rgb(171, 207, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 207,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3148, 0.2931, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 197) }
```

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

```
.background{ background-color: rgb(171,  
207, 197) }
```

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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