

Converting Colors

$Yxy(57.0465, 0.3029, 0.3547)$

Have a look what the booklet for
Yxy(57.0465, 0.3029, 0.3547)
contains.

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Color

Yxy(57.2848, 0.3033, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	AFCFBA
RGB	175, 207, 186
RGB Percent	69%, 81%, 73%
CMY	0.3137, 0.1882, 0.2705
CMYK	0.15, 0.00, 0.10, 0.19
HSL	141°, 25%, 75%
HSV	141°, 15%, 81%
XYZ	48.8596, 57.2848, 54.9489
YIQ	195.0380, -12.3310, -13.3150

Conversions

Conversions Part 2

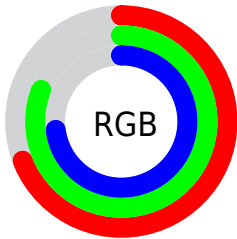
Format	Color
RYB	175, 199, 207
Decimal	11521978
CIELab	80.34, -14.72, 6.87
CIELCh	80, 16.246, 154.980
Yxy	57.2848, 0.3033, 0.3556
Android (android.graphics.Color)	4289712058 (0xFFAFCFBA)
YUV	195.0380, -4.4557, -17.5733
Hunter-Lab	75.6867, -17.2210, 9.9359

Details

The Yxy color **57.2848, 0.3033, 0.3556** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9172, 0.3235, 0.3038**, and the grayscale version is **54.6334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9197, 0.3054, 0.3420**, and **28.6135, 0.3004, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **54.5221, 0.2974, 0.3755**, and if you desaturate by 10%, it is **60.4744, 0.3094, 0.3378**.

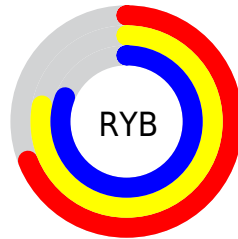
Distribution



Red (69%)

Green (81%)

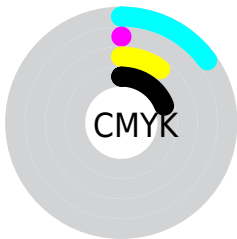
Blue (73%)



Red (69%)

Yellow (78%)

Blue (81%)

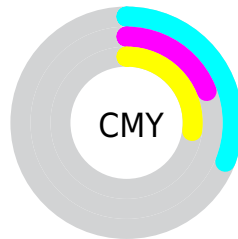


Cyan (15%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (31%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2848, 0.3033, 0.3556 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 57.2848, 0.3033, 0.3556 by changing the saturation by 10% instead.


 57.2848, 0.3033,
0.3556

 57.2848, 0.3033,
0.3556


414.5156, 0.3080,
0.3425

 41.2339, 0.3021,
0.3588


 100.8806, 0.3050,
0.3509

 28.5019, 0.3007,
0.3629

129.1944, 0.3056,
0.3491

 18.7044, 0.2987,
0.3683


162.3646, 0.3062,
0.3476

 11.4569, 0.2960,
0.3757

200.7756, 0.3066,
0.3463

 6.3750, 0.2920,
0.3866

244.8118, 0.3070,
0.3452

 3.0744, 0.2856,
0.4040

294.8576, 0.3074,

 1.1707, 0.2734,

0.3442

0.4392

351.2974, 0.3077,
0.3433

0.0376, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2848, 0.3033,
0.3556

57.2848, 0.3033,
0.3556

54.5221, 0.2974,
0.3755

60.4744, 0.3094,
0.3378

52.1608, 0.2920,
0.3973

64.1006, 0.3155,
0.3221

50.1838, 0.2873,
0.4209

68.1821, 0.3215,
0.3082

48.5699, 0.2836,
0.4458

72.1958, 0.3252,
0.2959

■ 47.2957, 0.2813,
0.4713

■ 73.0346, 0.3157,
0.2831

■ 46.3352, 0.2806,
0.4964

■ 73.1050, 0.3149,
0.2821

■ 45.6580, 0.2818,
0.5200

■ 45.2275, 0.2846,
0.5411

■ 45.0830, 0.2860,
0.5497

Harmonies

Analogous

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



57.2848, 0.3246, 0.3656



57.2848, 0.3033, 0.3556



57.2848, 0.2850, 0.3378

Triad

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



57.2848, 0.3033, 0.3556



57.2848, 0.2825, 0.2942



57.2848, 0.3529, 0.3378

Complementary

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



57.2848, 0.3033, 0.3556



47.9172, 0.3235, 0.3038

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.



57.2848, 0.3409, 0.3198



57.2848, 0.3033, 0.3556



57.2848, 0.2998, 0.2952

Square

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



57.2848, 0.3033, 0.3556



57.2848, 0.2732, 0.3022



57.2848, 0.3212, 0.3044



57.2848, 0.3537, 0.3543

Rectangle

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



57.2848, 0.3033, 0.3556



57.2848, 0.2767, 0.3244



57.2848, 0.3212, 0.3044



57.2848, 0.3500, 0.3317

Sweetspot

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



57.2872, 0.3033, 0.3556



97.1346, 0.3096, 0.3372



59.5020, 0.3272, 0.3680



20.7077, 0.3092, 0.3384



0.0000, 0.0000, 0.0000



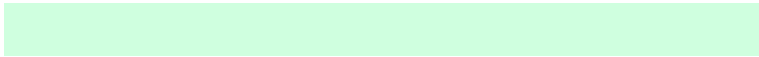
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2872, 0.3033, 0.3556



90.0605, 0.3010, 0.3629



57.9896, 0.2929, 0.3356



13.2725, 0.3070, 0.3446



28.4209, 0.2853, 0.5472



1.6039, 0.2748, 0.5091

Inverse Universe

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



47.9172, 0.3235, 0.3038



71.8601, 0.3266, 0.2974



47.2416, 0.3369, 0.3225



11.9370, 0.3190, 0.3139



9.4918, 0.4307, 0.2146



0.5453, 0.4055, 0.2008

Previews

White Background



This preview shows how the Yxy color 57.2848, 0.3033, 0.3556 looks on a white background.

Color Contrast Check

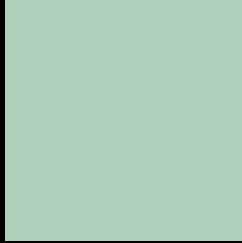
Large Text (above 18pt) WCAG AA × Fail

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 57.2848, 0.3033, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

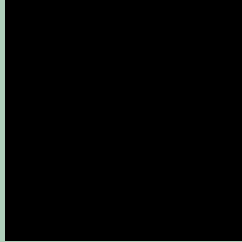
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

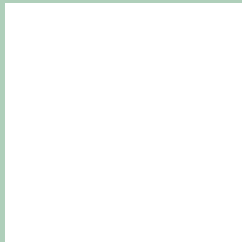
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2848, 0.3033, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 57.2848, 0.3033, 0.3556.



This preview shows how white text looks on a background with the Yxy color 57.2848, 0.3033, 0.3556.

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

57.2848, 0.3033, 0.3556

Protanopia

56.9898, 0.3327, 0.3494

Deuteranopia

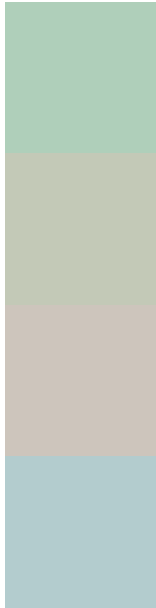
56.9030, 0.3399, 0.3325



Tritanopia

57.1268, 0.2863, 0.3096

Trichromacy



Original Color

57.2848, 0.3033, 0.3556

Protanomaly

56.7943, 0.3211, 0.3511

Deuteranomaly

56.5425, 0.3259, 0.3398

Tritanomaly

57.2257, 0.2928, 0.3265

Monochromacy



Original Color

57.2848, 0.3033, 0.3556

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3440, 0.3092, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2848, 0.3033, 0.3556 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(175, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 207, 186)  
}
```

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(175, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 207, 186) }
```

Border

The CSS property to change the border of an element to Yxy 57.2848, 0.3033, 0.3556 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(175, 207, 186) }
```

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

```
.border{ border-color:rgb(175, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 207,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2848, 0.3033, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 207, 186) }
```

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

```
.background{ background-color: rgb(175,  
207, 186) }
```

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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