

Converting Colors

$Yxy(57.2671, 0.3010, 0.3527)$

Have a look what the booklet for
Yxy(57.2671, 0.3010, 0.3527)
contains.

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Color

Yxy(57.2552, 0.3012, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	AECFBC
RGB	174, 207, 188
RGB Percent	68%, 81%, 74%
CMY	0.3178, 0.1882, 0.2627
CMYK	0.16, 0.00, 0.09, 0.19
HSL	145°, 26%, 75%
HSV	145°, 16%, 81%
XYZ	48.8396, 57.2552, 56.0553
YIQ	194.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

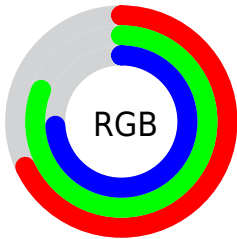
Format	Color
RYB	174, 197, 207
Decimal	11456444
CIELab	80.32, -14.70, 5.78
CIElCh	80, 15.800, 158.539
Yxy	57.2552, 0.3012, 0.3531
Android (android.graphics.Color)	4289646524 (0xFFAECFBC)
YUV	194.9670, -3.4347, -18.3881
Hunter-Lab	75.6672, -17.2042, 9.0442

Details

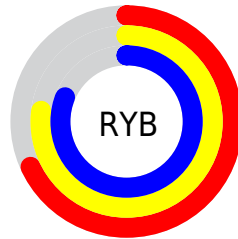
The Yxy color **57.2552, 0.3012, 0.3531** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3749, 0.3262, 0.3061**, and the grayscale version is **54.5772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8746, 0.3036, 0.3400**, and **28.5967, 0.2977, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **54.5684, 0.2943, 0.3705**, and if you desaturate by 10%, it is **60.3556, 0.3084, 0.3375**.

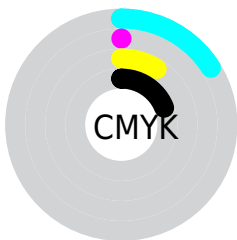
Distribution



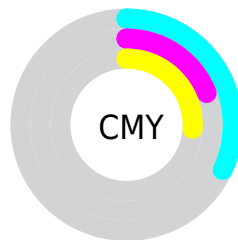
- Red (68%)
- Green (81%)
- Blue (74%)



- Red (68%)
- Yellow (77%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)





- Cyan (32%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2552, 0.3012, 0.3531 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 57.2552, 0.3012, 0.3531 by changing the saturation by 10% instead.


 57.2552, 0.3012,
0.3531

 57.2552, 0.3012,
0.3531

414.4049, 0.3069,
0.3413

 41.2102, 0.2998,
0.3560


 100.8375, 0.3032,
0.3488

 28.4833, 0.2980,
0.3597


129.1435, 0.3040,
0.3472

 18.6903, 0.2957,
0.3645


162.3053, 0.3047,
0.3459

 11.4467, 0.2925,
0.3712

200.7073, 0.3052,
0.3447

 6.3682, 0.2879,
0.3810

244.7338, 0.3057,
0.3437

 3.0702, 0.2804,
0.3966

294.7694, 0.3061,

 1.1685, 0.2658,

0.3428

0.4271

351.1982, 0.3065,
0.3420

0.0357, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2552, 0.3012,
0.3531

57.2552, 0.3012,
0.3531

54.5684, 0.2943,
0.3705

60.3556, 0.3084,
0.3375

52.2701, 0.2880,
0.3896

63.8791, 0.3156,
0.3236

50.3438, 0.2825,
0.4102

67.8436, 0.3228,
0.3113

48.7687, 0.2782,
0.4320

71.9268, 0.3285,
0.3005

■ 47.5220, 0.2755,
0.4545

■ 72.6408, 0.3201,
0.2891

■ 46.5779, 0.2745,
0.4770

■ 73.1120, 0.3149,
0.2821

■ 45.9068, 0.2754,
0.4987

■ 45.4717, 0.2782,
0.5188

■ 45.3355, 0.2796,
0.5265

Harmonies

Analogous

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



57.2552, 0.3219, 0.3639



57.2552, 0.3012, 0.3531



57.2552, 0.2840, 0.3353

Triad

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



57.2552, 0.3012, 0.3531



57.2552, 0.2849, 0.2948



57.2552, 0.3525, 0.3396

Complementary

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



57.2552, 0.3012, 0.3531



47.3749, 0.3262, 0.3061

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.



57.2552, 0.3420, 0.3220



57.2552, 0.3012, 0.3531



57.2552, 0.3026, 0.2967

Square

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



57.2552, 0.3012, 0.3531



57.2552, 0.2748, 0.3016



57.2552, 0.3235, 0.3066



57.2552, 0.3519, 0.3552

Rectangle

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



57.2552, 0.3012, 0.3531



57.2552, 0.2767, 0.3223



57.2552, 0.3235, 0.3066



57.2552, 0.3501, 0.3338

Sweetspot

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



57.2576, 0.3012, 0.3531



97.1981, 0.3090, 0.3362



59.0560, 0.3256, 0.3697



20.7231, 0.3085, 0.3372



0.0000, 0.0000, 0.0000



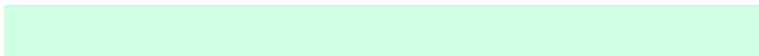
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2576, 0.3012, 0.3531



90.2740, 0.2989, 0.3586



57.9987, 0.2905, 0.3324



13.2884, 0.3059, 0.3427



28.5775, 0.2789, 0.5239



1.6136, 0.2687, 0.4872

Inverse Universe

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



47.3749, 0.3262, 0.3061



71.6325, 0.3294, 0.3012



46.6889, 0.3402, 0.3257



11.9206, 0.3202, 0.3157



9.2173, 0.4631, 0.2325



0.5311, 0.4300, 0.2143

Previews

White Background



This preview shows how the Yxy color 57.2552, 0.3012, 0.3531 looks on a white background.

Color Contrast Check

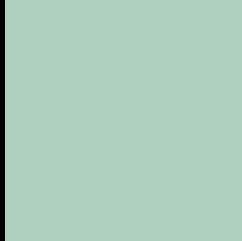
Large Text (above 18pt) WCAG AA × Fail

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 57.2552, 0.3012, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

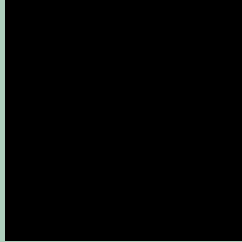
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

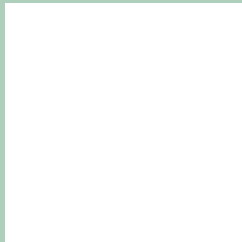
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2552, 0.3012, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 57.2552, 0.3012, 0.3531.

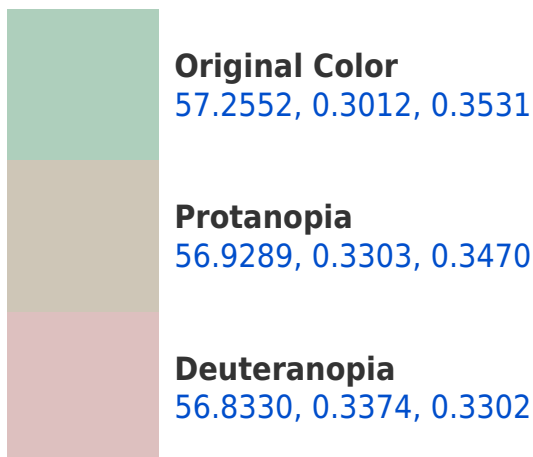


This preview shows how white text looks on a background with the Yxy color 57.2552, 0.3012, 0.3531.

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

57.4101, 0.2843, 0.3096

Trichromacy



Original Color

57.2552, 0.3012, 0.3531

Protanomaly

56.7454, 0.3188, 0.3487

Deuteranomaly

56.4876, 0.3235, 0.3374

Tritanomaly

57.0869, 0.2901, 0.3240

Monochromacy



Original Color

57.2552, 0.3012, 0.3531

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2174, 0.3084, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2552, 0.3012, 0.3531 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(174, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 207, 188)  
}
```

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(174, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 207, 188) }
```

Border

The CSS property to change the border of an element to Yxy 57.2552, 0.3012, 0.3531 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(174, 207, 188) }
```

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

```
.border{ border-color:rgb(174, 207, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 207, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 207,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2552, 0.3012, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 207, 188) }
```

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

```
.background{ background-color: rgb(174,  
207, 188) }
```

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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