

Converting Colors

$Yxy(66.0816, 0.2813, 0.3553)$

Have a look what the booklet for
Yxy(66.0816, 0.2813, 0.3553)
contains.

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Color

Yxy(66.0696, 0.2811, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	9EE2CD
RGB	158, 226, 205
RGB Percent	62%, 89%, 80%
CMY	0.3800, 0.1138, 0.1960
CMYK	0.30, 0.00, 0.09, 0.11
HSL	161°, 54%, 75%
HSV	161°, 30%, 89%
XYZ	52.3307, 66.0696, 67.7637
YIQ	203.2740, -33.7870, -20.9470

Conversions

Conversions Part 2

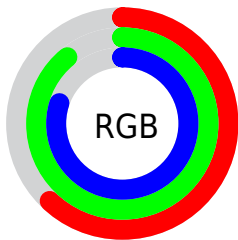
Format	Color
RYB	158, 198, 226
Decimal	10412749
CIELab	85.03, -25.68, 3.44
CIELCh	85, 25.908, 172.376
Yxy	66.0696, 0.2811, 0.3549
Android (android.graphics.Color)	4288602829 (0xFF9EE2CD)
YUV	203.2740, 0.8509, -39.7053
Hunter-Lab	81.2832, -27.3261, 7.4697

Details

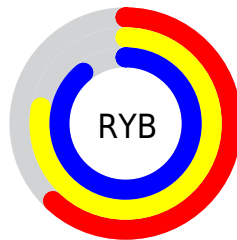
The Yxy color **66.0696, 0.2811, 0.3549** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9075, 0.3591, 0.3048**, and the grayscale version is **59.9257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **33.9269, 0.2729, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **63.6562, 0.2722, 0.3651**, and if you desaturate by 10%, it is **68.9248, 0.2910, 0.3455**.

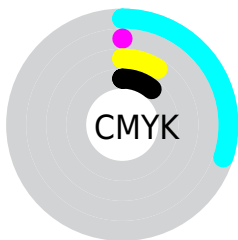
Distribution



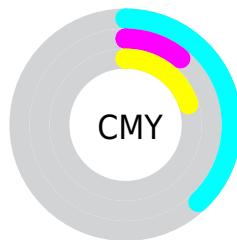
- Red (62%)
- Green (89%)
- Blue (80%)



- Red (62%)
- Yellow (78%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)





- Cyan (38%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0696, 0.2811, 0.3549 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 66.0696, 0.2811, 0.3549 by changing the saturation by 10% instead.


 66.0696, 0.2811,
0.3549


 66.0696, 0.2811,
0.3549


446.6258, 0.2961,
0.3425

 48.3289, 0.2776,
0.3578

 113.5862, 0.2864,
0.3505

 34.0874, 0.2732,
0.3615

 144.1309, 0.2884,
0.3489

 22.9608, 0.2676,
0.3662

179.7124, 0.2901,
0.3474

 14.5645, 0.2602,
0.3726

220.7152, 0.2916,
0.3462

 8.5143, 0.2499,
0.3815

267.5234, 0.2929,
0.3451

 4.4258, 0.2345,
0.3950

320.5217, 0.2941,

 1.9145, 0.2095,

0.3441

0.4178

380.0943, 0.2951,
0.3433

0.5571, 0.0000,
0.6033

0.0000, 0.0000,
0.0000

66.0696, 0.2811,
0.3549

66.0696, 0.2811,
0.3549

63.6562, 0.2722,
0.3651

68.9248, 0.2910,
0.3455

61.6533, 0.2646,
0.3760

72.2354, 0.3016,
0.3368

60.0381, 0.2587,
0.3873

76.0241, 0.3127,
0.3290

58.7820, 0.2546,
0.3991

80.3098, 0.3239,
0.3221

■ 57.8526, 0.2525,
0.4109

■ 81.9315, 0.3239,
0.3153

■ 57.2114, 0.2524,
0.4227

■ 82.3541, 0.3193,
0.3086

■ 56.7926, 0.2540,
0.4343

■ 82.7928, 0.3148,
0.3020

■ 82.8655, 0.3140,
0.3009

Harmonies

Analogous

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



66.0696, 0.3114, 0.3787



66.0696, 0.2811, 0.3549



66.0696, 0.2599, 0.3240

Triad

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



66.0696, 0.2811, 0.3549



66.0696, 0.2809, 0.2763



66.0696, 0.3771, 0.3565

Complementary

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



66.0696, 0.2811, 0.3549



43.9075, 0.3591, 0.3048

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.



66.0696, 0.3683, 0.3300



66.0696, 0.2811, 0.3549



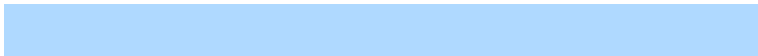
66.0696, 0.3114, 0.2854

Square

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



66.0696, 0.2811, 0.3549



66.0696, 0.2598, 0.2799



66.0696, 0.3438, 0.3046



66.0696, 0.3675, 0.3777

Rectangle

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



66.0696, 0.2811, 0.3549



66.0696, 0.2532, 0.3048



66.0696, 0.3438, 0.3046



66.0696, 0.3762, 0.3479

Sweetspot

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



66.0723, 0.2811, 0.3549



95.4561, 0.3027, 0.3360



66.5113, 0.3234, 0.4129



20.2848, 0.3011, 0.3372



0.0000, 0.0000, 0.0000



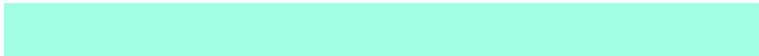
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0723, 0.2811, 0.3549



84.8545, 0.2755, 0.3611



60.6283, 0.2678, 0.3136



15.4965, 0.3023, 0.3363



32.4267, 0.2535, 0.4325



2.2635, 0.2485, 0.4145

Inverse Universe

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



43.9075, 0.3591, 0.3048



51.3112, 0.3727, 0.2995



47.5893, 0.3757, 0.3438



13.7699, 0.3244, 0.3218



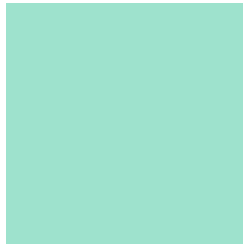
9.4938, 0.5722, 0.2926



0.6738, 0.5282, 0.2684

Previews

White Background



This preview shows how the Yxy color 66.0696, 0.2811, 0.3549 looks on a white background.

Color Contrast Check

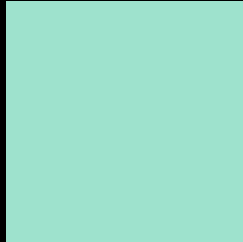
Large Text (above 18pt) WCAG AA × Fail

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 66.0696, 0.2811, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

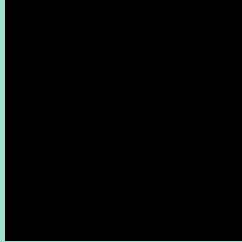
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

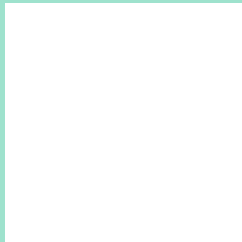
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0696, 0.2811, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 66.0696, 0.2811, 0.3549.

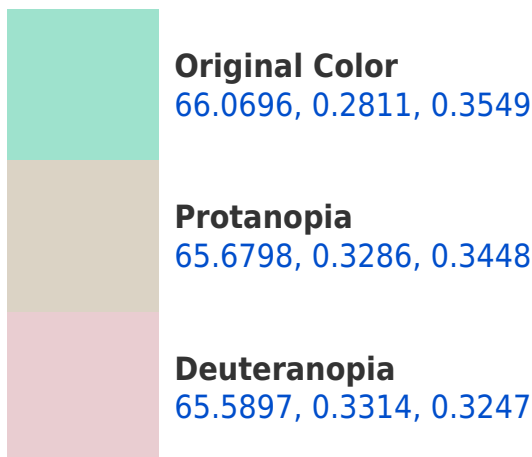


This preview shows how white text looks on a background with the Yxy color 66.0696, 0.2811, 0.3549.

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

65.9442, 0.2658, 0.3077

Trichromacy



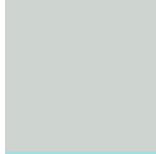
Original Color

66.0696, 0.2811, 0.3549



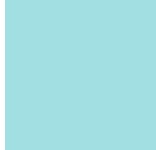
Protanomaly

65.1522, 0.3097, 0.3478



Deuteranomaly

65.2644, 0.3110, 0.3347



Tritanomaly

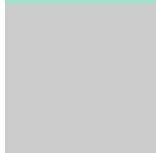
66.0028, 0.2708, 0.3241

Monochromacy



Original Color

66.0696, 0.2811, 0.3549



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.5130, 0.3000, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0696, 0.2811, 0.3549 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(158, 226, 205)` looks like.

```
.text, #text, p{  
    color:rgb(158, 226, 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(158, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 226, 205) }
```

Border

The CSS property to change the border of an element to Yxy 66.0696, 0.2811, 0.3549 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(158, 226, 205) }
```

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

```
.border{ border-color:rgb(158, 226, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 226, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(158, 226,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0696, 0.2811, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 226, 205) }
```

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

```
.background{ background-color: rgb(158,  
226, 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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