

Converting Colors

$Yxy(66.8051, 0.2805, 0.3834)$

Have a look what the booklet for
Yxy(66.8051, 0.2805, 0.3834)
contains.

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Color

Yxy(67.0501, 0.2808, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	8DE8BD
RGB	141, 232, 189
RGB Percent	55%, 91%, 74%
CMY	0.4473, 0.0901, 0.2589
CMYK	0.39, 0.00, 0.19, 0.09
HSL	152°, 66%, 73%
HSV	152°, 39%, 91%
XYZ	49.0176, 67.0501, 58.4965
YIQ	199.8890, -40.4330, -32.6650

Conversions

Conversions Part 2

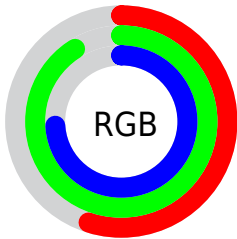
Format	Color
RYB	141, 201, 232
Decimal	9300157
CIELab	85.53, -36.66, 12.46
CIELCh	86, 38.720, 161.224
Yxy	67.0501, 0.2808, 0.3841
Android (android.graphics.Color)	4287490237 (0xFF8DE8BD)
YUV	199.8890, -5.3683, -51.6457
Hunter-Lab	81.8841, -36.4432, 14.9632

Details

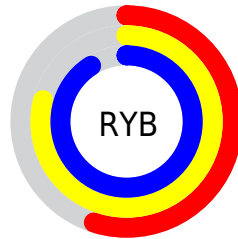
The Yxy color **67.0501, 0.2808, 0.3841** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **39.6495, 0.3639, 0.2805**, and the grayscale version is **57.7320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1183, 0.2845, 0.3395**, and **34.8067, 0.2725, 0.3984** is the 20% darker color. If you saturate the color by 10%, you get **64.7705, 0.2747, 0.4013**, and if you desaturate by 10%, it is **69.7971, 0.2880, 0.3681**.

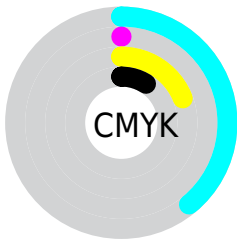
Distribution



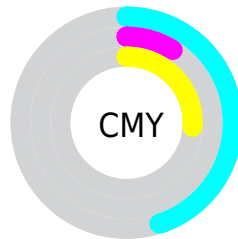
- Red (55%)
- Green (91%)
- Blue (74%)



- Red (55%)
- Yellow (79%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)





- Cyan (45%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0501, 0.2808, 0.3841 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 67.0501, 0.2808, 0.3841 by changing the saturation by 10% instead.


 67.0501, 0.2808,
0.3841


 67.0501, 0.2808,
0.3841

450.1231, 0.2963,
0.3572

 49.1253, 0.2771,
0.3906


 114.9922, 0.2863,
0.3745

 34.7189, 0.2724,
0.3989


 145.7783, 0.2884,
0.3708

 23.4464, 0.2663,
0.4097


181.6204, 0.2902,
0.3677

 14.9235, 0.2581,
0.4243


222.9027, 0.2917,
0.3650

 8.7657, 0.2464,
0.4454

270.0098, 0.2931,
0.3627

 4.5887, 0.2285,
0.4781

323.3259, 0.2943,

 2.0080, 0.1972,

0.3606

0.5357

383.2356, 0.2953,
0.3588

0.6121, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.0501, 0.2808,
0.3841

67.0501, 0.2808,
0.3841

64.7705, 0.2747,
0.4013

69.7971, 0.2880,
0.3681

62.9224, 0.2700,
0.4194

73.0285, 0.2961,
0.3534

61.4780, 0.2671,
0.4380


76.7704, 0.3046,
0.3401


60.4022, 0.2662,
0.4567


81.0447, 0.3134,
0.3282

 59.6540, 0.2673,
0.4750

 85.5007, 0.3209,
0.3175

 59.1686, 0.2702,
0.4924

 86.1858, 0.3139,
0.3071

 59.1370, 0.2705,
0.4937

 86.2017, 0.3138,
0.3068

Harmonies

Analogous

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



67.0501, 0.3274, 0.4125



67.0501, 0.2808, 0.3841



67.0501, 0.2446, 0.3379

Triad

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



67.0501, 0.2808, 0.3841



67.0501, 0.2525, 0.2523



67.0501, 0.4072, 0.3531

Complementary

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



67.0501, 0.2808, 0.3841



39.6495, 0.3639, 0.2805

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.



67.0501, 0.3844, 0.3150



67.0501, 0.2808, 0.3841



67.0501, 0.2923, 0.2594

Square

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



67.0501, 0.2808, 0.3841



67.0501, 0.2295, 0.2633



67.0501, 0.3410, 0.2818



67.0501, 0.4020, 0.3888

Rectangle

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



67.0501, 0.2808, 0.3841



67.0501, 0.2304, 0.3069



67.0501, 0.3410, 0.2818



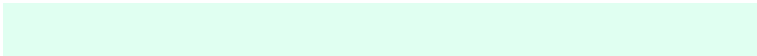
67.0501, 0.4026, 0.3403

Sweetspot

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



67.0528, 0.2808, 0.3841



93.7550, 0.3022, 0.3437



69.9522, 0.3365, 0.4387



19.9343, 0.3010, 0.3454



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.



67.0528, 0.2808, 0.3841



80.7783, 0.2758, 0.3977



68.3552, 0.2582, 0.3270



16.2156, 0.3044, 0.3403



32.8515, 0.2697, 0.4909



2.4464, 0.2626, 0.4653

Inverse Universe

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



39.6495, 0.3639, 0.2805



42.4253, 0.3793, 0.2709



38.5621, 0.4106, 0.3310



14.4808, 0.3219, 0.3179



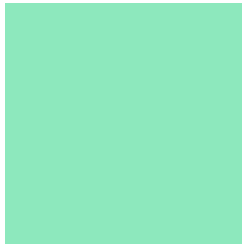
10.1694, 0.5071, 0.2567



0.7701, 0.4728, 0.2378

Previews

White Background



This preview shows how the Yxy color 67.0501, 0.2808, 0.3841 looks on a white background.

Color Contrast Check

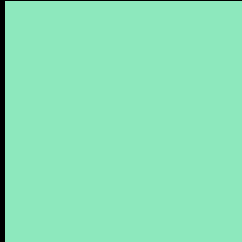
Large Text (above 18pt) WCAG AA × Fail

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 67.0501, 0.2808, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

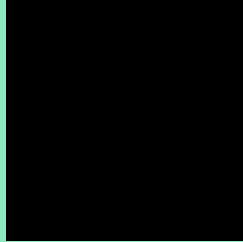
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0501, 0.2808, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 67.0501, 0.2808, 0.3841.



This preview shows how white text looks on a background with the Yxy color 67.0501, 0.2808, 0.3841.

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

67.0501, 0.2808, 0.3841

Protanopia

66.1889, 0.3454, 0.3662

Deuteranopia

66.1280, 0.3475, 0.3399



Tritanopia

67.0938, 0.2578, 0.3076

Trichromacy



Original Color

67.0501, 0.2808, 0.3841



Protanomaly

65.5513, 0.3186, 0.3721



Deuteranomaly

65.2885, 0.3196, 0.3547



Tritanomaly

67.2041, 0.2664, 0.3350

Monochromacy



Original Color

67.0501, 0.2808, 0.3841



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

60.6562, 0.2995, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0501, 0.2808, 0.3841 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(141, 232, 189)` looks like.

```
.text, #text, p{  
    color:rgb(141, 232, 189)  
}
```

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(141, 232, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 232, 189) }
```

Border

The CSS property to change the border of an element to Yxy 67.0501, 0.2808, 0.3841 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(141, 232, 189) }
```

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

```
.border{ border-color:rgb(141, 232, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 232, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 232, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 232, 189);  
box-shadow:4px 4px 4px 4px rgb(141, 232,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0501, 0.2808, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 232, 189) }
```

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

```
.background{ background-color: rgb(141,  
232, 189) }
```

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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