

Converting Colors

$Yxy(67.3292, 0.3008, 0.3665)$

Have a look what the booklet for
Yxy(67.3292, 0.3008, 0.3665)
contains.

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Color

Yxy(67.3292, 0.3008, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	B3E1C2
RGB	179, 225, 194
RGB Percent	70%, 88%, 76%
CMY	0.2979, 0.1177, 0.2392
CMYK	0.20, 0.00, 0.14, 0.12
HSL	140°, 43%, 79%
HSV	140°, 20%, 88%
XYZ	55.2595, 67.3292, 61.1198
YIQ	207.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

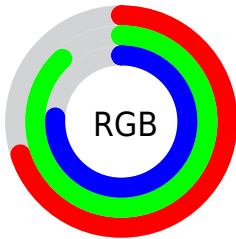
Format	Color
RYB	179, 214, 225
Decimal	11788738
CIELab	85.67, -20.92, 10.31
CIELCh	86, 23.324, 153.765
Yxy	67.3292, 0.3008, 0.3665
Android (android.graphics.Color)	4289978818 (0xFFB3E1C2)
YUV	207.7120, -6.7600, -25.1804
Hunter-Lab	82.0544, -23.3843, 13.2747

Details

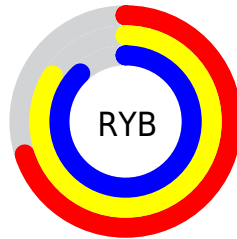
The Yxy color **67.3292, 0.3008, 0.3665** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.9185, 0.3270, 0.2942**, and the grayscale version is **62.9393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1472, 0.3028, 0.3329**, and **35.0785, 0.2983, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **64.2180, 0.2953, 0.3881**, and if you desaturate by 10%, it is **70.9532, 0.3066, 0.3470**.

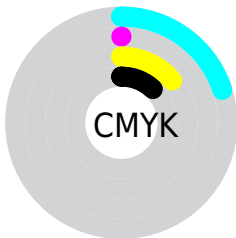
Distribution



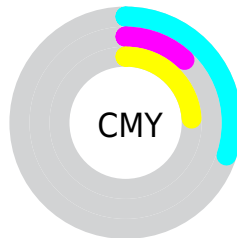
- Red (70%)
- Green (88%)
- Blue (76%)



- Red (70%)
- Yellow (84%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





- Cyan (30%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3292, 0.3008, 0.3665 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 67.3292, 0.3008, 0.3665 by changing the saturation by 10% instead.


 67.3292, 0.3008,
0.3665

 67.3292, 0.3008,
0.3665


451.1157, 0.3066,
0.3484

 49.3522, 0.2994,
0.3708


 115.3920, 0.3029,
0.3601

 34.8990, 0.2976,
0.3763

146.2466, 0.3037,
0.3576

 23.5850, 0.2952,
0.3834


182.1625, 0.3044,
0.3555

 15.0261, 0.2920,
0.3929

223.5241, 0.3049,
0.3537

 8.8377, 0.2874,
0.4065

270.7159, 0.3054,
0.3521

 4.6355, 0.2802,
0.4274


324.1221, 0.3059,

 2.0350, 0.2674,


0.3507


0.4634


384.1272, 0.3063,
0.3495


 0.6277, 0.1203,
0.8797


 0.0000, 0.0000,
0.0000


 67.3292, 0.3008,
0.3665


 67.3292, 0.3008,
0.3665


 64.2180, 0.2953,
0.3881


 70.9532, 0.3066,
0.3470

 61.5878, 0.2904,
0.4118

 75.1031, 0.3125,
0.3297

 59.4163, 0.2863,
0.4370

 79.8023, 0.3183,
0.3144

 57.6760, 0.2834,
0.4631

 82.3096, 0.3143,
0.3002

■ 56.3364, 0.2821,
0.4892

■ 82.3286, 0.3141,
0.2999

■ 55.3630, 0.2824,
0.5142

■ 54.7146, 0.2845,
0.5368

■ 54.3326, 0.2876,
0.5555

Harmonies

Analogous

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



67.3292, 0.3297, 0.3796



67.3292, 0.3008, 0.3665



67.3292, 0.2759, 0.3419

Triad

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



67.3292, 0.3008, 0.3665



67.3292, 0.2711, 0.2822



67.3292, 0.3673, 0.3393

Complementary

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



67.3292, 0.3008, 0.3665



52.9185, 0.3270, 0.2942

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.



67.3292, 0.3501, 0.3154



67.3292, 0.3008, 0.3665



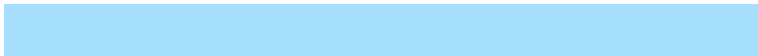
67.3292, 0.2940, 0.2834

Square

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



67.3292, 0.3008, 0.3665



67.3292, 0.2594, 0.2931



67.3292, 0.3229, 0.2954



67.3292, 0.3689, 0.3620

Rectangle

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



67.3292, 0.3008, 0.3665



67.3292, 0.2646, 0.3234



67.3292, 0.3229, 0.2954



67.3292, 0.3631, 0.3312

Sweetspot

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



67.3320, 0.3008, 0.3665



96.5658, 0.3092, 0.3392



70.8717, 0.3326, 0.3816



20.5924, 0.3088, 0.3403



0.0000, 0.0000, 0.0000



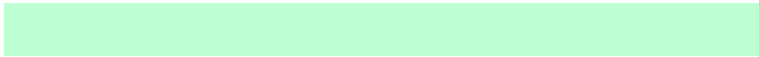
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3320, 0.3008, 0.3665



87.3822, 0.2981, 0.3765



68.4246, 0.2872, 0.3389



15.4104, 0.3072, 0.3452



31.3291, 0.2869, 0.5527



2.1876, 0.2781, 0.5213

Inverse Universe

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



52.9185, 0.3270, 0.2942



64.5857, 0.3311, 0.2858



51.8713, 0.3461, 0.3194



13.8558, 0.3187, 0.3133



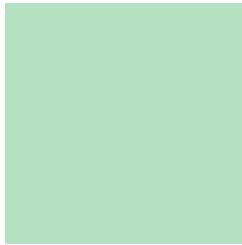
10.5486, 0.4239, 0.2109



0.7474, 0.4041, 0.2000

Previews

White Background



This preview shows how the Yxy color 67.3292, 0.3008, 0.3665 looks on a white background.

Color Contrast Check

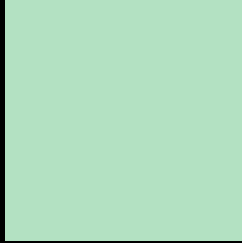
Large Text (above 18pt) WCAG AA × Fail

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 67.3292, 0.3008, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

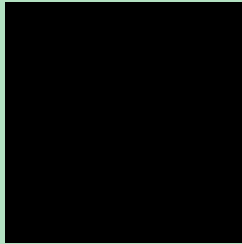
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

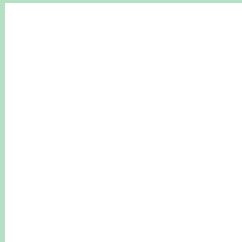
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3292, 0.3008, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 67.3292, 0.3008, 0.3665.

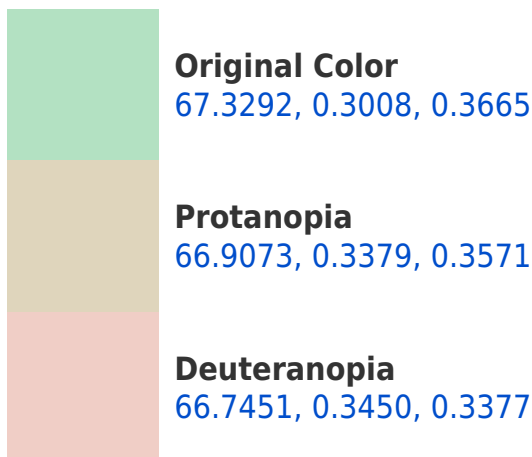


This preview shows how white text looks on a background with the Yxy color 67.3292, 0.3008, 0.3665.

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

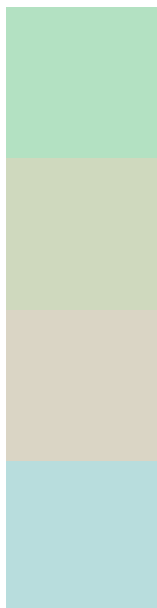




Tritanopia

67.2840, 0.2805, 0.3095

Trichromacy



Original Color

67.3292, 0.3008, 0.3665

Protanomaly

66.6088, 0.3237, 0.3603

Deuteranomaly

66.5251, 0.3276, 0.3471

Tritanomaly

67.1237, 0.2875, 0.3289

Monochromacy



Original Color

67.3292, 0.3008, 0.3665

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.2752, 0.3077, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3292, 0.3008, 0.3665 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(179, 225, 194)` looks like.

```
.text, #text, p{  
    color:rgb(179, 225, 194)  
}
```

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(179, 225, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 225, 194) }
```

Border

The CSS property to change the border of an element to Yxy 67.3292, 0.3008, 0.3665 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(179, 225, 194) }
```

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

```
.border{ border-color:rgb(179, 225, 194) }
```

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

Here you see how a box with a 4 pixel rgb(179, 225, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(179, 225,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3292, 0.3008, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 225, 194) }
```

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

```
.background{ background-color: rgb(179,  
225, 194) }
```

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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