

Converting Colors

Yxy(68.0598, 0.3048, 0.3661)

Have a look what the booklet for
Yxy(68.0598, 0.3048, 0.3661)
contains.

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Color

Yxy(68.0598, 0.3048, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	B9E1C2
RGB	185, 225, 194
RGB Percent	73%, 88%, 76%
CMY	0.2746, 0.1176, 0.2393
CMYK	0.18, 0.00, 0.14, 0.12
HSL	134°, 40%, 80%
HSV	134°, 18%, 88%
XYZ	56.6638, 68.0598, 61.1813
YIQ	209.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

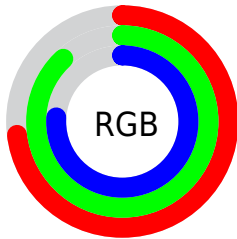
Format	Color
RYB	185, 218, 225
Decimal	12181954
CIELab	86.04, -19.00, 10.89
CIELCh	86, 21.894, 150.181
Yxy	68.0598, 0.3048, 0.3661
Android (android.graphics.Color)	4290372034 (0xFFB9E1C2)
YUV	209.5060, -7.6445, -21.4918
Hunter-Lab	82.4984, -21.7698, 13.7790

Details

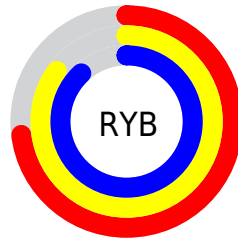
The Yxy color **68.0598, 0.3048, 0.3661** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.6533, 0.3217, 0.2945**, and the grayscale version is **64.1637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1858, 0.3064, 0.3329**, and **35.4682, 0.3026, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **64.7447, 0.3005, 0.3905**, and if you desaturate by 10%, it is **71.9154, 0.3093, 0.3443**.

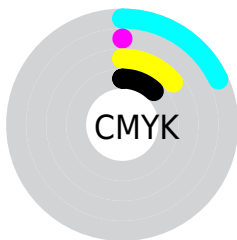
Distribution



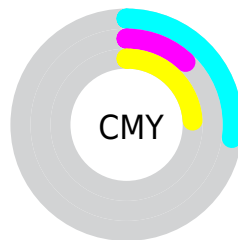
- Red (73%)
- Green (88%)
- Blue (76%)



- Red (73%)
- Yellow (85%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





- Cyan (27%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0598, 0.3048, 0.3661 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 68.0598, 0.3048, 0.3661 by changing the saturation by 10% instead.

 68.0598, 0.3048,
0.3661

 68.0598, 0.3048,
0.3661


453.7079, 0.3087,
0.3483

 49.9464, 0.3038,
0.3704


 116.4377, 0.3062,
0.3598

 35.3708, 0.3026,
0.3757

147.4710, 0.3068,
0.3573

 23.9486, 0.3009,
0.3827

183.5796, 0.3072,
0.3553

 15.2955, 0.2987,
0.3920

225.1481, 0.3076,
0.3535

 9.0271, 0.2954,
0.4053

272.5608, 0.3079,
0.3519

 4.7588, 0.2901,
0.4255


326.2020, 0.3082,


 2.1065, 0.2805,


0.3506


386.4562, 0.3085,
0.3493

0.4601


 0.6683, 0.2042,
0.7958


 0.0000, 0.0000,
0.0000


 68.0598, 0.3048,
0.3661


 68.0598, 0.3048,
0.3661


 64.7447, 0.3005,
0.3905


 71.9154, 0.3093,
0.3443

 61.9375, 0.2965,
0.4173

 76.3253, 0.3137,
0.3250

 59.6154, 0.2931,
0.4459

 81.3134, 0.3180,
0.3081

 57.7501, 0.2906,
0.4754

 82.3374, 0.3141,
0.2999

■ 56.3108, 0.2892,
0.5045

■ 55.2623, 0.2892,
0.5317

■ 54.5640, 0.2906,
0.5552

■ 54.1606, 0.2932,
0.5739

■ 54.0935, 0.2937,
0.5773

Harmonies

Analogous

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



68.0598, 0.3318, 0.3767



68.0598, 0.3048, 0.3661



68.0598, 0.2807, 0.3442

Triad

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



68.0598, 0.3048, 0.3661



68.0598, 0.2718, 0.2858



68.0598, 0.3625, 0.3361

Complementary

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



68.0598, 0.3048, 0.3661



55.6533, 0.3217, 0.2945

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.



68.0598, 0.3450, 0.3138



68.0598, 0.3048, 0.3661



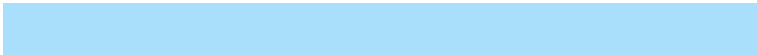
68.0598, 0.2922, 0.2855

Square

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



68.0598, 0.3048, 0.3661



68.0598, 0.2622, 0.2974



68.0598, 0.3190, 0.2956



68.0598, 0.3659, 0.3577

Rectangle

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



68.0598, 0.3048, 0.3661



68.0598, 0.2692, 0.3270



68.0598, 0.3190, 0.2956



68.0598, 0.3580, 0.3285

Sweetspot

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



68.0627, 0.3048, 0.3661



97.0415, 0.3105, 0.3387



72.0094, 0.3330, 0.3740



20.6851, 0.3102, 0.3401



0.0000, 0.0000, 0.0000



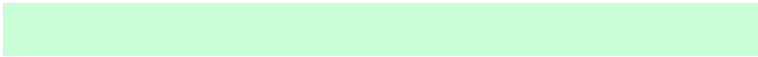
21.4041, 0.3127, 0.3290

Same Dimension

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



68.0627, 0.3048, 0.3661



88.8299, 0.3033, 0.3740



69.0062, 0.2927, 0.3422



15.3876, 0.3085, 0.3477



31.1817, 0.2931, 0.5750



2.1749, 0.2850, 0.5459

Inverse Universe

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



55.6533, 0.3217, 0.2945



69.7109, 0.3237, 0.2878



54.6955, 0.3376, 0.3162



13.8800, 0.3172, 0.3110



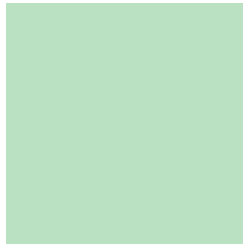
11.0112, 0.3873, 0.1907



0.7764, 0.3750, 0.1839

Previews

White Background



This preview shows how the Yxy color 68.0598, 0.3048, 0.3661 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 68.0598, 0.3048, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

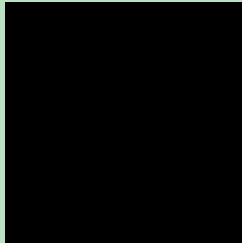
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

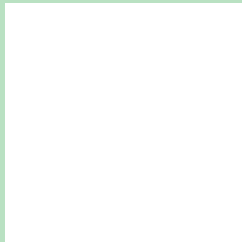
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0598, 0.3048, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 68.0598, 0.3048, 0.3661.



This preview shows how white text looks on a background with the Yxy color 68.0598, 0.3048, 0.3661.

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

68.0598, 0.3048, 0.3661

Protanopia

67.7315, 0.3392, 0.3580

Deuteranopia

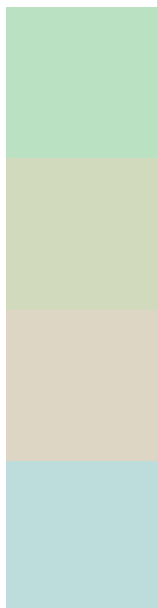
67.5801, 0.3464, 0.3387



Tritanopia

67.9256, 0.2836, 0.3097

Trichromacy



Original Color

68.0598, 0.3048, 0.3661

Protanomaly

67.5622, 0.3258, 0.3612

Deuteranomaly

67.4965, 0.3297, 0.3481

Tritanomaly

67.7522, 0.2908, 0.3289

Monochromacy



Original Color

68.0598, 0.3048, 0.3661

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.3780, 0.3099, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0598, 0.3048, 0.3661 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(185, 225, 194)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 225, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 194) }
```

Border

The CSS property to change the border of an element to Yxy 68.0598, 0.3048, 0.3661 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(185, 225, 194) }
```

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

```
.border{ border-color:rgb(185, 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(185, 225, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(185, 225,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0598, 0.3048, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 225, 194) }
```

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

```
.background{ background-color: rgb(185,  
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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