

Converting Colors

$Yxy(67.5537, 0.3040, 0.3657)$

Have a look what the booklet for
Yxy(67.5537, 0.3040, 0.3657)
contains.

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Color

Yxy(67.3967, 0.3042, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	B8E0C2
RGB	184, 224, 194
RGB Percent	72%, 88%, 76%
CMY	0.2782, 0.1216, 0.2392
CMYK	0.18, 0.00, 0.13, 0.12
HSL	135°, 39%, 80%
HSV	135°, 18%, 88%
XYZ	56.1701, 67.3967, 61.0817
YIQ	208.6200, -14.2100, -17.8100

Conversions

Conversions Part 2

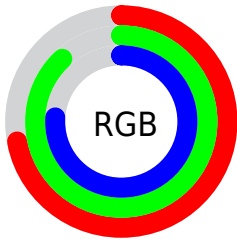
Format	Color
RYB	184, 216, 224
Decimal	12116162
CIELab	85.70, -18.79, 10.40
CIELCh	86, 21.476, 151.026
Yxy	67.3967, 0.3042, 0.3650
Android (android.graphics.Color)	4290306242 (0xFFB8E0C2)
YUV	208.6200, -7.2077, -21.5917
Hunter-Lab	82.0955, -21.5367, 13.3532

Details

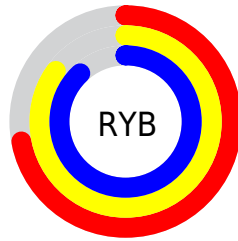
The Yxy color **67.3967, 0.3042, 0.3650** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.0103, 0.3225, 0.2955**, and the grayscale version is **63.5627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0103, 0.3058, 0.3329**, and **35.0152, 0.3017, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **64.1339, 0.2996, 0.3886**, and if you desaturate by 10%, it is **71.1889, 0.3090, 0.3438**.

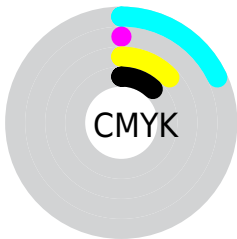
Distribution



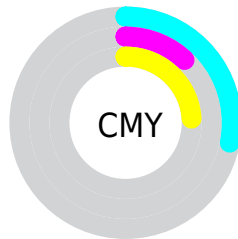
- Red (72%)
- Green (88%)
- Blue (76%)



- Red (72%)
- Yellow (85%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3967, 0.3042, 0.3650 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 67.3967, 0.3042, 0.3650 by changing the saturation by 10% instead.

 67.3967, 0.3042,
0.3650

 67.3967, 0.3042,
0.3650


451.3555, 0.3084,
0.3477

 49.4071, 0.3032,
0.3691


 115.4887, 0.3057,
0.3588

 34.9425, 0.3018,
0.3744


146.3598, 0.3063,
0.3565

 23.6186, 0.3001,
0.3811


182.2935, 0.3068,
0.3545

 15.0509, 0.2977,
0.3902

223.6743, 0.3072,
0.3527

 8.8551, 0.2942,
0.4032

270.8865, 0.3076,
0.3512

 4.6468, 0.2887,
0.4230

324.3145, 0.3079,

 2.0416, 0.2788,

0.3499

0.4571

384.3427, 0.3082,
0.3487

0.6315, 0.1831,
0.8169

0.0000, 0.0000,
0.0000

67.3967, 0.3042,
0.3650

67.3967, 0.3042,
0.3650

64.1339, 0.2996,
0.3886

71.1889, 0.3090,
0.3438

61.3684, 0.2953,
0.4145

75.5238, 0.3137,
0.3251

59.0781, 0.2917,
0.4423

80.4249, 0.3184,
0.3088

57.2353, 0.2890,
0.4710

81.7870, 0.3141,
0.2989

■ 55.8098, 0.2876,
0.4995

■ 54.7674, 0.2876,
0.5263

■ 54.0682, 0.2891,
0.5500

■ 53.6580, 0.2919,
0.5692

■ 53.5897, 0.2924,
0.5728

Harmonies

Analogous

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



67.3967, 0.3308, 0.3758



67.3967, 0.3042, 0.3650



67.3967, 0.2806, 0.3432

Triad

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



67.3967, 0.3042, 0.3650



67.3967, 0.2728, 0.2863



67.3967, 0.3620, 0.3366

Complementary

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



67.3967, 0.3042, 0.3650



55.0103, 0.3225, 0.2955

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.



67.3967, 0.3451, 0.3146



67.3967, 0.3042, 0.3650



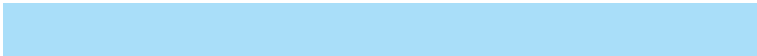
67.3967, 0.2932, 0.2863

Square

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



67.3967, 0.3042, 0.3650



67.3967, 0.2631, 0.2974



67.3967, 0.3197, 0.2965



67.3967, 0.3649, 0.3578

Rectangle

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



67.3967, 0.3042, 0.3650



67.3967, 0.2695, 0.3263



67.3967, 0.3197, 0.2965



67.3967, 0.3577, 0.3291

Sweetspot

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



67.3995, 0.3042, 0.3650



97.0598, 0.3103, 0.3384



71.1681, 0.3325, 0.3742



20.6896, 0.3100, 0.3397



0.0000, 0.0000, 0.0000



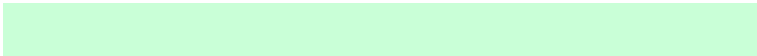
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3995, 0.3042, 0.3650



88.8944, 0.3026, 0.3726



68.3264, 0.2923, 0.3415



15.3929, 0.3082, 0.3471



31.2111, 0.2918, 0.5704



2.1776, 0.2835, 0.5404

Inverse Universe

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



55.0103, 0.3225, 0.2955



69.6351, 0.3246, 0.2890



54.0791, 0.3382, 0.3169



13.8743, 0.3176, 0.3116



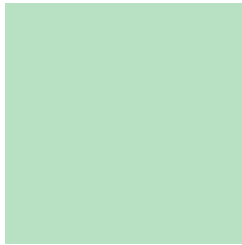
10.8954, 0.3955, 0.1952



0.7692, 0.3815, 0.1876

Previews

White Background



This preview shows how the Yxy color 67.3967, 0.3042, 0.3650 looks on a white background.

Color Contrast Check

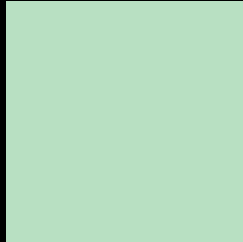
Large Text (above 18pt) WCAG AA × Fail

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 67.3967, 0.3042, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

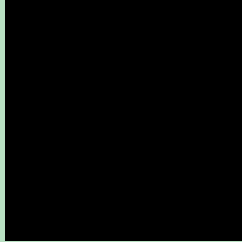
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

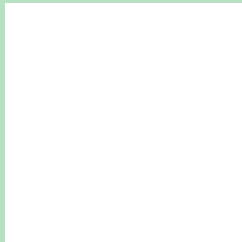
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3967, 0.3042, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 67.3967, 0.3042, 0.3650.

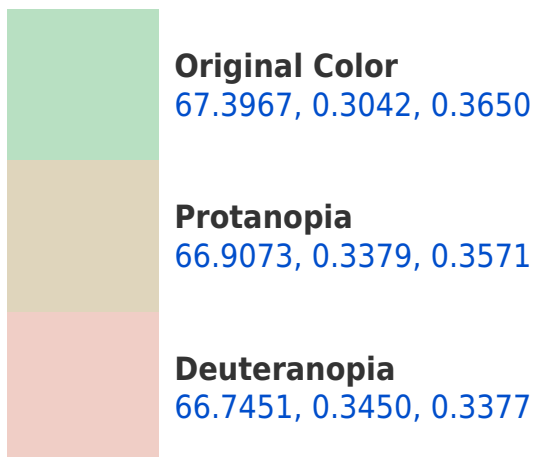


This preview shows how white text looks on a background with the Yxy color 67.3967, 0.3042, 0.3650.

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

67.2173, 0.2835, 0.3096

Trichromacy



Original Color

67.3967, 0.3042, 0.3650

Protanomaly

66.8987, 0.3252, 0.3602

Deuteranomaly

66.8354, 0.3291, 0.3470

Tritanomaly

67.0451, 0.2907, 0.3289

Monochromacy



Original Color

67.3967, 0.3042, 0.3650

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7321, 0.3093, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3967, 0.3042, 0.3650 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(184, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 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(184, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 194) }
```

Border

The CSS property to change the border of an element to Yxy 67.3967, 0.3042, 0.3650 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(184, 224, 194) }
```

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

```
.border{ border-color:rgb(184, 224, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3967, 0.3042, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 194) }
```

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

```
.background{ background-color: rgb(184,  
224, 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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