

Converting Colors

$Yxy(69.4017, 0.3034, 0.3607)$

Have a look what the booklet for
Yxy(69.4017, 0.3034, 0.3607)
contains.

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Color

Yxy(69.2076, 0.3037, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	BCE2C7
RGB	188, 226, 199
RGB Percent	74%, 89%, 78%
CMY	0.2628, 0.1137, 0.2196
CMYK	0.17, 0.00, 0.12, 0.11
HSL	137°, 40%, 81%
HSV	137°, 17%, 89%
XYZ	58.2387, 69.2076, 64.3176
YIQ	211.5600, -13.9810, -16.4530

Conversions

Conversions Part 2

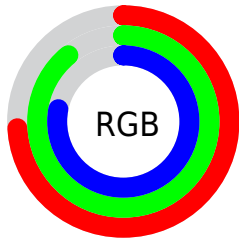
Format	Color
RYB	188, 217, 226
Decimal	12378823
CIELab	86.61, -17.59, 9.10
CIElCh	87, 19.804, 152.654
Yxy	69.2076, 0.3037, 0.3609
Android (android.graphics.Color)	4290568903 (0xFFBCE2C7)
YUV	211.5600, -6.1921, -20.6621
Hunter-Lab	83.1911, -20.6239, 12.3948

Details

The Yxy color **69.2076, 0.3037, 0.3609** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.0322, 0.3231, 0.2991**, and the grayscale version is **65.5783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **36.2385, 0.3012, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **65.8550, 0.2985, 0.3830**, and if you desaturate by 10%, it is **73.0942, 0.3091, 0.3412**.

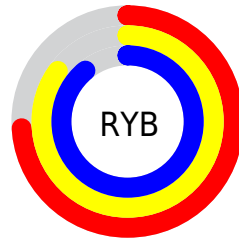
Distribution



Red (74%)

Green (89%)

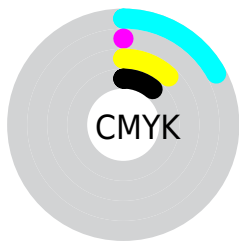
Blue (78%)



Red (74%)

Yellow (85%)

Blue (89%)

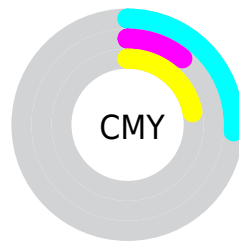


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (11%)



Cyan (26%)


Magenta (11%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2076, 0.3037, 0.3609 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 69.2076, 0.3037, 0.3609 by changing the saturation by 10% instead.


 69.2076, 0.3037,
0.3609

 69.2076, 0.3037,
0.3609


457.7628, 0.3081,
0.3457

 50.8808, 0.3026,
0.3645


 118.0780, 0.3053,
0.3555

 36.1138, 0.3013,
0.3690

149.3905, 0.3059,
0.3534

 24.5221, 0.2996,
0.3749


185.8002, 0.3064,
0.3517

 15.7213, 0.2972,
0.3828

227.6917, 0.3068,
0.3501

 9.3272, 0.2938,
0.3939

275.4493, 0.3072,
0.3488

 4.9552, 0.2886,
0.4107


329.4575, 0.3075,

 2.2210, 0.2794,


0.3476


0.4391


390.1005, 0.3078,
0.3466

 0.7314, 0.2296,
0.6319


 0.0000, 0.0000,
0.0000


 69.2076, 0.3037,
0.3609

 69.2076, 0.3037,
0.3609

 65.8550, 0.2985,
0.3830


 73.0942, 0.3091,
0.3412


 63.0043, 0.2938,
0.4072

 77.5278, 0.3144,
0.3237

 60.6334, 0.2897,
0.4333

 82.3840, 0.3191,
0.3084

 58.7150, 0.2866,
0.4605

 82.8791, 0.3140,
0.3009

■ 57.2191, 0.2849,
0.4879

■ 56.1117, 0.2847,
0.5142

■ 55.3536, 0.2862,
0.5382

■ 54.8947, 0.2891,
0.5585

■ 54.7863, 0.2900,
0.5641

Harmonies

Analogous

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



69.2076, 0.3281, 0.3714



69.2076, 0.3037, 0.3609



69.2076, 0.2824, 0.3408

Triad

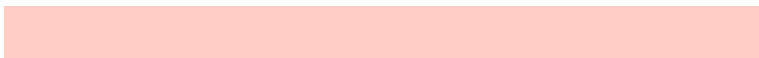
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2076, 0.3037, 0.3609



69.2076, 0.2770, 0.2896



69.2076, 0.3582, 0.3372

Complementary

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



69.2076, 0.3037, 0.3609



57.0322, 0.3231, 0.2991

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.



69.2076, 0.3434, 0.3169



69.2076, 0.3037, 0.3609



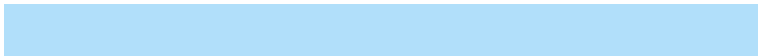
69.2076, 0.2962, 0.2901

Square

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



69.2076, 0.3037, 0.3609



69.2076, 0.2674, 0.2994



69.2076, 0.3205, 0.2999



69.2076, 0.3601, 0.3564

Rectangle

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



69.2076, 0.3037, 0.3609



69.2076, 0.2725, 0.3254



69.2076, 0.3205, 0.2999



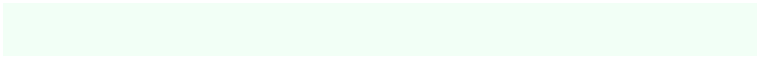
69.2076, 0.3545, 0.3303

Sweetspot

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



69.2105, 0.3037, 0.3609



97.0919, 0.3100, 0.3379



72.5114, 0.3300, 0.3718



20.6974, 0.3096, 0.3392



0.0000, 0.0000, 0.0000



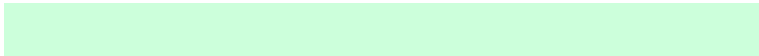
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2105, 0.3037, 0.3609



89.4600, 0.3020, 0.3679



70.1372, 0.2922, 0.3385



15.4022, 0.3076, 0.3461



31.2699, 0.2893, 0.5614



2.1827, 0.2807, 0.5304

Inverse Universe

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



57.0322, 0.3231, 0.2991



70.7503, 0.3255, 0.2930



56.1217, 0.3381, 0.3198



13.8644, 0.3182, 0.3125



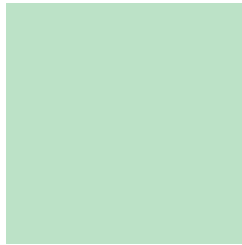
10.7043, 0.4104, 0.2034



0.7573, 0.3934, 0.1941

Previews

White Background



This preview shows how the Yxy color 69.2076, 0.3037, 0.3609 looks on a white background.

Color Contrast Check

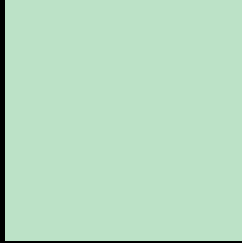
Large Text (above 18pt) WCAG AA × Fail

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 69.2076, 0.3037, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

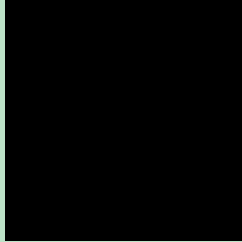
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

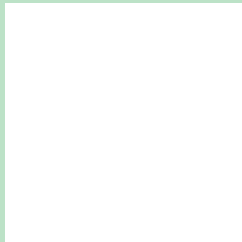
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2076, 0.3037, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 69.2076, 0.3037, 0.3609.



This preview shows how white text looks on a background with the Yxy color 69.2076, 0.3037, 0.3609.

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

69.2076, 0.3037, 0.3609

Protanopia

69.0143, 0.3346, 0.3534

Deuteranopia

68.7900, 0.3423, 0.3355



Tritanopia

68.9615, 0.2845, 0.3088

Trichromacy



Original Color

69.2076, 0.3037, 0.3609

Protanomaly

69.1690, 0.3230, 0.3563

Deuteranomaly

68.3947, 0.3269, 0.3435

Tritanomaly

68.8308, 0.2910, 0.3266

Monochromacy



Original Color

69.2076, 0.3037, 0.3609

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.8272, 0.3093, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2076, 0.3037, 0.3609 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(188, 226, 199)` looks like.

```
.text, #text, p{  
    color:rgb(188, 226, 199)  
}
```

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(188, 226, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 226, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.2076, 0.3037, 0.3609 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(188, 226, 199) }
```

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

```
.border{ border-color:rgb(188, 226, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 226, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 226, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 226, 199);  
box-shadow:4px 4px 4px 4px rgb(188, 226,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2076, 0.3037, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 226, 199) }
```

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

```
.background{ background-color: rgb(188,  
226, 199) }
```

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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