

Converting Colors

$Yxy(69.1965, 0.2986, 0.3634)$

Have a look what the booklet for
Yxy(69.1965, 0.2986, 0.3634)
contains.

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Color

Yxy(69.3136, 0.2984, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	B4E4C7
RGB	180, 228, 199
RGB Percent	71%, 89%, 78%
CMY	0.2942, 0.1058, 0.2197
CMYK	0.21, 0.00, 0.13, 0.11
HSL	144°, 47%, 80%
HSV	144°, 21%, 89%
XYZ	56.8688, 69.3136, 64.3967
YIQ	210.3420, -19.2990, -19.1950

Conversions

Conversions Part 2

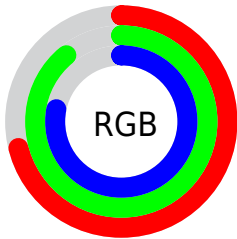
Format	Color
RYB	180, 214, 228
Decimal	11855047
CIELab	86.66, -21.17, 9.12
CIELCh	87, 23.053, 156.699
Yxy	69.3136, 0.2984, 0.3637
Android (android.graphics.Color)	4290045127 (0xFFB4E4C7)
YUV	210.3420, -5.5916, -26.6099
Hunter-Lab	83.2548, -23.7680, 12.4182

Details

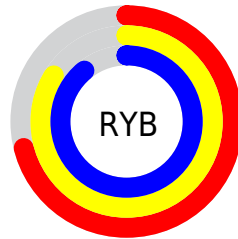
The Yxy color **69.3136, 0.2984, 0.3637** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.7363, 0.3303, 0.2967**, and the grayscale version is **64.7305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **35.9850, 0.2944, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **66.1901, 0.2921, 0.3831**, and if you desaturate by 10%, it is **72.9511, 0.3051, 0.3462**.

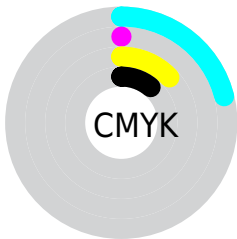
Distribution



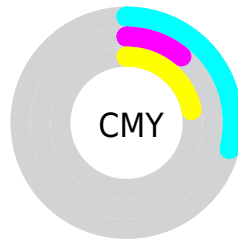
- Red (71%)
- Green (89%)
- Blue (78%)



- Red (71%)
- Yellow (84%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3136, 0.2984, 0.3637 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 69.3136, 0.2984, 0.3637 by changing the saturation by 10% instead.


 69.3136, 0.2984,
0.3637

 69.3136, 0.2984,
0.3637


458.1362, 0.3053,
0.3471

 50.9671, 0.2968,
0.3676

 118.2294, 0.3008,
0.3578

 36.1825, 0.2947,
0.3726


149.5675, 0.3018,
0.3556

 24.5751, 0.2920,
0.3790


186.0050, 0.3026,
0.3536

 15.7608, 0.2884,
0.3876

227.9262, 0.3033,
0.3520

 9.3551, 0.2833,
0.3998

275.7155, 0.3039,
0.3505

 4.9735, 0.2755,
0.4183


329.7574, 0.3044,

 2.2317, 0.2621,


0.3492


0.4497


390.4361, 0.3049,
0.3481


 0.7372, 0.1692,
0.6787


 0.0000, 0.0000,
0.0000


 69.3136, 0.2984,
0.3637


 69.3136, 0.2984,
0.3637


 66.1901, 0.2921,
0.3831


 72.9511, 0.3051,
0.3462


 63.5482, 0.2864,
0.4043

 77.1157, 0.3120,
0.3306

 61.3655, 0.2818,
0.4269

 81.8312, 0.3188,
0.3167

 59.6142, 0.2785,
0.4504

 83.9162, 0.3145,
0.3037

■ 58.2632, 0.2769,
0.4742

■ 83.9729, 0.3139,
0.3029

■ 57.2773, 0.2771,
0.4973

■ 56.6143, 0.2792,
0.5190

■ 56.2336, 0.2823,
0.5364

Harmonies

Analogous

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



69.3136, 0.3266, 0.3779



69.3136, 0.2984, 0.3637



69.3136, 0.2748, 0.3390

Triad

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



69.3136, 0.2984, 0.3637



69.3136, 0.2737, 0.2828



69.3136, 0.3670, 0.3415

Complementary

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



69.3136, 0.2984, 0.3637



53.7363, 0.3303, 0.2967

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.



69.3136, 0.3515, 0.3179



69.3136, 0.2984, 0.3637



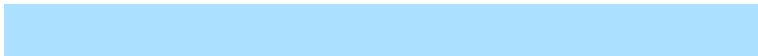
69.3136, 0.2970, 0.2850

Square

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



69.3136, 0.2984, 0.3637



69.3136, 0.2610, 0.2923



69.3136, 0.3255, 0.2977



69.3136, 0.3670, 0.3632

Rectangle

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



69.3136, 0.2984, 0.3637



69.3136, 0.2645, 0.3210



69.3136, 0.3255, 0.2977



69.3136, 0.3634, 0.3335

Sweetspot

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



69.3165, 0.2984, 0.3637



96.6312, 0.3086, 0.3381



72.4306, 0.3309, 0.3838



20.6079, 0.3081, 0.3391



0.0000, 0.0000, 0.0000



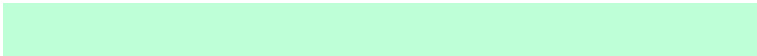
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3165, 0.2984, 0.3637



87.6103, 0.2958, 0.3714



70.4901, 0.2846, 0.3354



16.1831, 0.3062, 0.3435



32.4896, 0.2815, 0.5336



2.4187, 0.2734, 0.5042

Inverse Universe

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



53.7363, 0.3303, 0.2967



64.3324, 0.3345, 0.2901



52.6594, 0.3502, 0.3227



14.5136, 0.3198, 0.3149



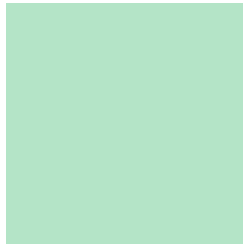
10.6054, 0.4517, 0.2262



0.8019, 0.4275, 0.2129

Previews

White Background



This preview shows how the Yxy color 69.3136, 0.2984, 0.3637 looks on a white background.

Color Contrast Check

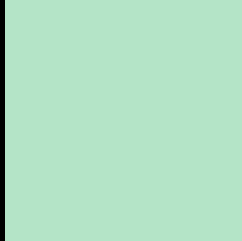
Large Text (above 18pt) WCAG AA × Fail

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 69.3136, 0.2984, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

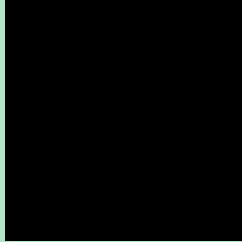
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

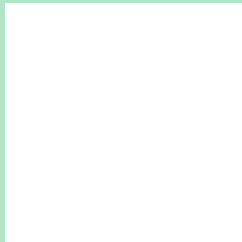
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3136, 0.2984, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 69.3136, 0.2984, 0.3637.

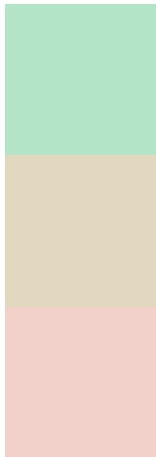


This preview shows how white text looks on a background with the Yxy color 69.3136, 0.2984, 0.3637.

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

69.3136, 0.2984, 0.3637

Protanopia

69.0863, 0.3368, 0.3556

Deuteranopia

68.7900, 0.3423, 0.3355



Tritanopia

69.0986, 0.2784, 0.3086

Trichromacy



Original Color

69.3136, 0.2984, 0.3637

Protanomaly

68.6818, 0.3215, 0.3576

Deuteranomaly

68.4361, 0.3245, 0.3447

Tritanomaly

68.9379, 0.2853, 0.3278

Monochromacy



Original Color

69.3136, 0.2984, 0.3637

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

66.2241, 0.3071, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3136, 0.2984, 0.3637 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(180, 228, 199)` looks like.

```
.text, #text, p{  
    color:rgb(180, 228, 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(180, 228, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 228, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.3136, 0.2984, 0.3637 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(180, 228, 199) }
```

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

```
.border{ border-color:rgb(180, 228, 199) }
```

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

Here you see how a box with a 4 pixel rgb(180, 228, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 228, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 228, 199);  
box-shadow:4px 4px 4px 4px rgb(180, 228,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3136, 0.2984, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 228, 199) }
```

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

```
.background{ background-color: rgb(180,  
228, 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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