

Converting Colors

$Yxy(70.0319, 0.3139, 0.3695)$

Have a look what the booklet for
Yxy(70.0319, 0.3139, 0.3695)
contains.

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Color

Yxy(69.9342, 0.3136, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	C4E2C0
RGB	196, 226, 192
RGB Percent	77%, 89%, 75%
CMY	0.2315, 0.1137, 0.2471
CMYK	0.13, 0.00, 0.15, 0.11
HSL	113°, 37%, 82%
HSV	113°, 15%, 89%
XYZ	59.4668, 69.9342, 60.2253
YIQ	213.1540, -6.9660, -16.9340

Conversions

Conversions Part 2

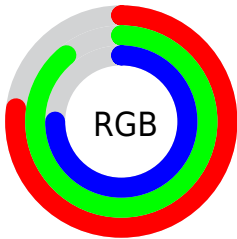
Format	Color
RYB	192, 226, 222
Decimal	12903104
CIELab	86.96, -16.17, 13.35
CIELCh	87, 20.969, 140.452
Yxy	69.9342, 0.3136, 0.3688
Android (android.graphics.Color)	4291093184 (0xFFC4E2C0)
YUV	213.1540, -10.4289, -15.0441
Hunter-Lab	83.6267, -19.4155, 15.8399

Details

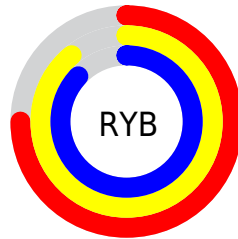
The Yxy color **69.9342, 0.3136, 0.3688** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.7219, 0.3113, 0.2915**, and the grayscale version is **66.7193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1800, 0.3155, 0.3357**, and **36.7116, 0.3139, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **66.5105, 0.3139, 0.3992**, and if you desaturate by 10%, it is **73.8739, 0.3131, 0.3416**.

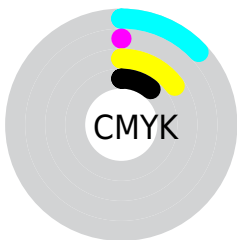
Distribution



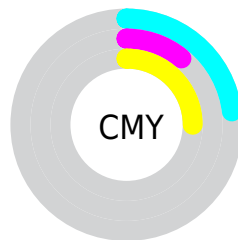
- Red (77%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)




- Cyan (23%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9342, 0.3136, 0.3688 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 69.9342, 0.3136, 0.3688 by changing the saturation by 10% instead.


 69.9342, 0.3136,
0.3688

 69.9342, 0.3136,
0.3688

460.3189, 0.3134,
0.3498

 51.4729, 0.3136,
0.3733

 119.1149, 0.3136,
0.3621

 36.5851, 0.3135,
0.3790


150.6031, 0.3136,
0.3595

 24.8864, 0.3134,
0.3863


187.2024, 0.3136,
0.3573

 15.9924, 0.3131,
0.3960

229.2972, 0.3135,
0.3554

 9.5188, 0.3125,
0.4098

277.2718, 0.3135,
0.3537

 5.0811, 0.3111,
0.4306


331.5107, 0.3135,

 2.2949, 0.3078,

0.3522


0.4653


392.3983, 0.3135,
0.3509


 0.7710, 0.3048,
0.6952


 0.0000, 0.0000,
0.0000

 69.9342, 0.3136,
0.3688


 69.9342, 0.3136,
0.3688


 66.5105, 0.3139,
0.3992


 73.8739, 0.3131,
0.3416

 63.5729, 0.3139,
0.4322

 78.3402, 0.3124,
0.3175

 61.1018, 0.3134,
0.4669

 82.8813, 0.3140,
0.3009

 59.0732, 0.3124,
0.5015

■ 57.4606, 0.3108,
0.5339

■ 56.2349, 0.3087,
0.5614

■ 55.3629, 0.3062,
0.5819

■ 54.8058, 0.3036,
0.5942

■ 54.6262, 0.3025,
0.5980

Harmonies

Analogous

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



69.9342, 0.3386, 0.3745



69.9342, 0.3136, 0.3688



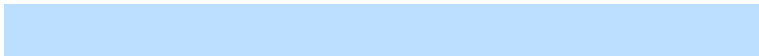
69.9342, 0.2890, 0.3509

Triad

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



69.9342, 0.3136, 0.3688



69.9342, 0.2696, 0.2904



69.9342, 0.3558, 0.3287

Complementary

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



69.9342, 0.3136, 0.3688



58.7219, 0.3113, 0.2915

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.



69.9342, 0.3359, 0.3083



69.9342, 0.3136, 0.3688



69.9342, 0.2860, 0.2865

Square

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



69.9342, 0.3136, 0.3688



69.9342, 0.2643, 0.3047



69.9342, 0.3102, 0.2931



69.9342, 0.3637, 0.3501

Rectangle

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



69.9342, 0.3136, 0.3688



69.9342, 0.2761, 0.3351



69.9342, 0.3102, 0.2931



69.9342, 0.3503, 0.3216

Sweetspot

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



69.9372, 0.3136, 0.3688



97.1323, 0.3131, 0.3415



71.9426, 0.3360, 0.3615



20.7071, 0.3131, 0.3433



0.0000, 0.0000, 0.0000



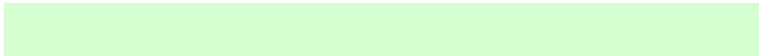
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9372, 0.3136, 0.3688



90.4939, 0.3137, 0.3778



69.9882, 0.3030, 0.3541



15.4135, 0.3133, 0.3531



31.1856, 0.3031, 0.5976



2.1874, 0.3102, 0.5919

Inverse Universe

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



58.7219, 0.3113, 0.2915



73.1275, 0.3110, 0.2837



58.6967, 0.3239, 0.3052



13.8501, 0.3119, 0.3058



10.1409, 0.2917, 0.1381



0.7262, 0.2965, 0.1407

Previews

White Background



This preview shows how the Yxy color 69.9342, 0.3136, 0.3688 looks on a white background.

Color Contrast Check

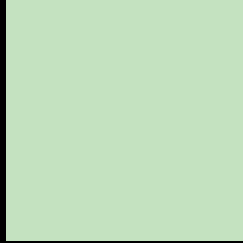
Large Text (above 18pt) WCAG AA × Fail

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 69.9342, 0.3136, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

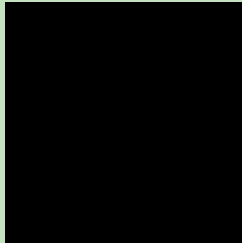
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9342, 0.3136, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 69.9342, 0.3136, 0.3688.



This preview shows how white text looks on a background with the Yxy color 69.9342, 0.3136, 0.3688.

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

69.9342, 0.3136, 0.3688

Protanopia

69.7075, 0.3417, 0.3621

Deuteranopia

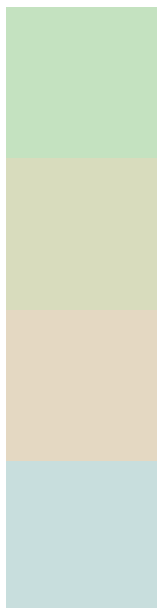
69.6261, 0.3512, 0.3449



Tritanopia

69.9973, 0.2903, 0.3102

Trichromacy



Original Color

69.9342, 0.3136, 0.3688

Protanomaly

69.4595, 0.3307, 0.3641

Deuteranomaly

69.5008, 0.3369, 0.3532

Tritanomaly

69.7424, 0.2981, 0.3301

Monochromacy



Original Color

69.9342, 0.3136, 0.3688

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.8160, 0.3135, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9342, 0.3136, 0.3688 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(196, 226, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 226, 192)  
}
```

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(196, 226, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 226, 192) }
```

Border

The CSS property to change the border of an element to Yxy 69.9342, 0.3136, 0.3688 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(196, 226, 192) }
```

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

```
.border{ border-color:rgb(196, 226, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 226, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 226, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 226, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 226,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9342, 0.3136, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 226, 192) }
```

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

```
.background{ background-color: rgb(196,  
226, 192) }
```

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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