

Converting Colors

Yxy(69.9102, 0.3133, 0.3602)

Have a look what the booklet for
Yxy(69.9102, 0.3133, 0.3602)
contains.

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Color

Yxy(69.6219, 0.3133, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	C8E0C5
RGB	200, 224, 197
RGB Percent	78%, 88%, 77%
CMY	0.2159, 0.1215, 0.2274
CMYK	0.11, 0.00, 0.12, 0.12
HSL	113°, 30%, 83%
HSV	113°, 12%, 88%
XYZ	60.5399, 69.6219, 63.0713
YIQ	213.7460, -5.6370, -13.4850

Conversions

Conversions Part 2

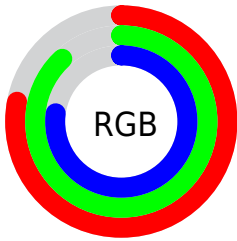
Format	Color
RYB	197, 224, 221
Decimal	13164741
CIELab	86.81, -12.95, 10.54
CIELCh	87, 16.698, 140.857
Yxy	69.6219, 0.3133, 0.3603
Android (android.graphics.Color)	4291354821 (0xFFC8E0C5)
YUV	213.7460, -8.2558, -12.0552
Hunter-Lab	83.4397, -16.5084, 13.5911

Details

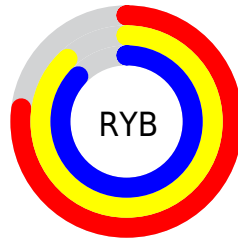
The Yxy color **69.6219, 0.3133, 0.3603** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.7029, 0.3118, 0.2992**, and the grayscale version is **67.1196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **36.4701, 0.3136, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **66.1016, 0.3136, 0.3898**, and if you desaturate by 10%, it is **73.6600, 0.3128, 0.3340**.

Distribution



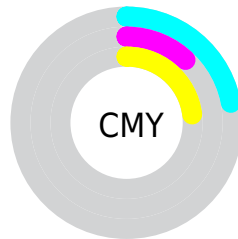
- Red (78%)
- Green (88%)
- Blue (77%)



- Red (77%)
- Yellow (88%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)





- Cyan (22%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6219, 0.3133, 0.3603 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 69.6219, 0.3133, 0.3603 by changing the saturation by 10% instead.

 69.6219, 0.3133,
0.3603

 69.6219, 0.3133,
0.3603

459.2213, 0.3132,
0.3454

 51.2184, 0.3133,
0.3638


118.6694, 0.3133,
0.3550

 36.3824, 0.3133,
0.3682


150.0821, 0.3133,
0.3530

 24.7297, 0.3132,
0.3739


186.6001, 0.3133,
0.3513

 15.8758, 0.3130,
0.3815

228.6076, 0.3132,
0.3498

 9.4363, 0.3127,
0.3921

276.4891, 0.3132,
0.3485

 5.0268, 0.3119,
0.4082


330.6289, 0.3132,

 2.2630, 0.3099,


0.3473

0.4350


391.4115, 0.3132,
0.3463


 0.7540, 0.3234,
0.6088


 0.0000, 0.0000,
0.0000


 69.6219, 0.3133,
0.3603

 69.6219, 0.3133,
0.3603


 66.1016, 0.3136,
0.3898

 73.6600, 0.3128,
0.3340

 63.0695, 0.3135,
0.4221

 78.2261, 0.3122,
0.3109

 60.5067, 0.3131,
0.4565

 81.8032, 0.3141,
0.2990

 58.3897, 0.3122,
0.4914

■ 56.6927, 0.3107,
0.5248

■ 55.3877, 0.3088,
0.5541

■ 54.4426, 0.3064,
0.5769

■ 53.8206, 0.3040,
0.5917

■ 53.5212, 0.3023,
0.5982

Harmonies

Analogous

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



69.6219, 0.3333, 0.3652



69.6219, 0.3133, 0.3603



69.6219, 0.2936, 0.3461

Triad

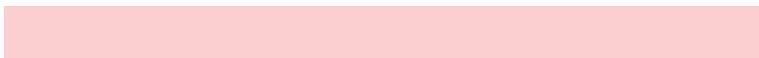
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6219, 0.3133, 0.3603



69.6219, 0.2782, 0.2980



69.6219, 0.3472, 0.3292

Complementary

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



69.6219, 0.3133, 0.3603



60.7029, 0.3118, 0.2992

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.



69.6219, 0.3315, 0.3126



69.6219, 0.3133, 0.3603



69.6219, 0.2917, 0.2948

Square

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



69.6219, 0.3133, 0.3603



69.6219, 0.2738, 0.3096



69.6219, 0.3111, 0.3002



69.6219, 0.3533, 0.3464

Rectangle

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



69.6219, 0.3133, 0.3603



69.6219, 0.2833, 0.3337



69.6219, 0.3111, 0.3002



69.6219, 0.3428, 0.3234

Sweetspot

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



69.6249, 0.3133, 0.3603



97.6764, 0.3129, 0.3389



71.5264, 0.3311, 0.3553



20.8160, 0.3130, 0.3409



0.0000, 0.0000, 0.0000



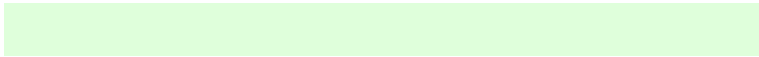
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6249, 0.3133, 0.3603



92.3659, 0.3134, 0.3661



69.7165, 0.3046, 0.3482



15.4081, 0.3132, 0.3531



31.1705, 0.3028, 0.5978



2.1848, 0.3095, 0.5925

Inverse Universe

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



60.7029, 0.3118, 0.2992



78.5724, 0.3117, 0.2940



60.6223, 0.3217, 0.3105



13.8562, 0.3121, 0.3058



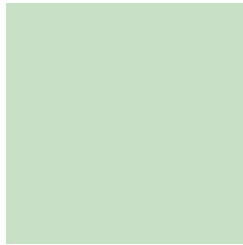
10.2863, 0.2938, 0.1392



0.7349, 0.2982, 0.1417

Previews

White Background



This preview shows how the Yxy color 69.6219, 0.3133, 0.3603 looks on a white background.

Color Contrast Check

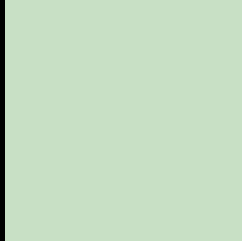
Large Text (above 18pt) WCAG AA × Fail

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 69.6219, 0.3133, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

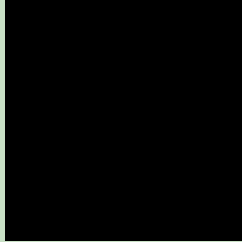
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

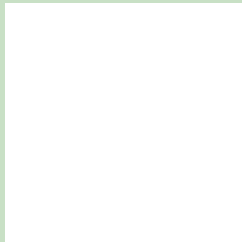
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6219, 0.3133, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 69.6219, 0.3133, 0.3603.



This preview shows how white text looks on a background with the Yxy color 69.6219, 0.3133, 0.3603.

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

69.6219, 0.3133, 0.3603

Protanopia

69.1307, 0.3361, 0.3545

Deuteranopia

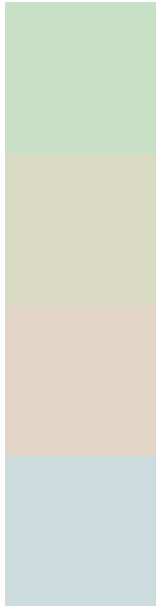
69.0042, 0.3461, 0.3386



Tritanopia

69.3207, 0.2928, 0.3091

Trichromacy



Original Color

69.6219, 0.3133, 0.3603

Protanomaly

69.3098, 0.3282, 0.3572

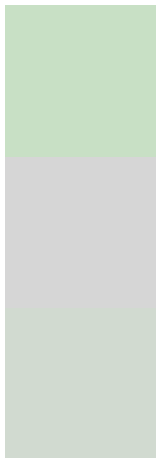
Deuteranomaly

68.7106, 0.3337, 0.3455

Tritanomaly

69.2977, 0.3002, 0.3267

Monochromacy



Original Color

69.6219, 0.3133, 0.3603

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.2522, 0.3129, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6219, 0.3133, 0.3603 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(200, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(200, 224, 197)  
}
```

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(200, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 224, 197) }
```

Border

The CSS property to change the border of an element to Yxy 69.6219, 0.3133, 0.3603 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(200, 224, 197) }
```

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

```
.border{ border-color:rgb(200, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(200, 224,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6219, 0.3133, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 224, 197) }
```

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

```
.background{ background-color: rgb(200,  
224, 197) }
```

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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