

Converting Colors

Yxy(68.9313, 0.3293, 0.3909)

Have a look what the booklet for
Yxy(68.9313, 0.3293, 0.3909)
contains.

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Color

Yxy(69.1083, 0.3295, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	C8E1AC
RGB	200, 225, 172
RGB Percent	78%, 88%, 67%
CMY	0.2157, 0.1176, 0.3254
CMYK	0.11, 0.00, 0.24, 0.12
HSL	88°, 47%, 78%
HSV	88°, 24%, 88%
XYZ	58.1937, 69.1083, 49.3101
YIQ	211.4830, 2.1130, -21.7830

Conversions

Conversions Part 2

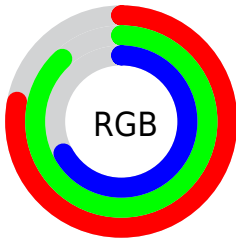
Format	Color
RYB	172, 225, 197
Decimal	13164972
CIELab	86.56, -17.49, 23.24
CIElCh	87, 29.082, 126.967
Yxy	69.1083, 0.3295, 0.3913
Android (android.graphics.Color)	4291355052 (0xFFC8E1AC)
YUV	211.4830, -19.4651, -10.0706
Hunter-Lab	83.1314, -20.5263, 23.0236

Details

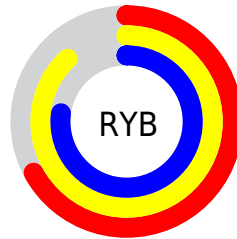
The Yxy color **69.1083, 0.3295, 0.3913** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.8204, 0.2923, 0.2664**, and the grayscale version is **65.6110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **36.1924, 0.3335, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **66.9074, 0.3361, 0.4205**, and if you desaturate by 10%, it is **71.5631, 0.3225, 0.3635**.

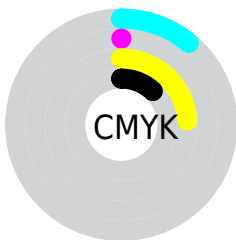
Distribution



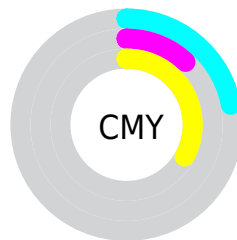
- Red (78%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)





- Cyan (22%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1083, 0.3295, 0.3913 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 69.1083, 0.3295, 0.3913 by changing the saturation by 10% instead.


 69.1083, 0.3295,
0.3913

 69.1083, 0.3295,
0.3913

457.4128, 0.3222,
0.3613

 50.7999, 0.3310,
0.3984


 117.9362, 0.3271,
0.3807

 36.0494, 0.3328,
0.4073


149.2246, 0.3261,
0.3766

 24.4723, 0.3350,
0.4188


185.6084, 0.3252,
0.3731

 15.6844, 0.3375,
0.4342

227.4720, 0.3245,
0.3701

 9.3011, 0.3403,
0.4557

275.1999, 0.3238,
0.3675

 4.9381, 0.3431,
0.4875

329.1764, 0.3232,

 2.2110, 0.3531,

0.3652

0.5539

389.7859, 0.3227,
0.3632

0.7260, 0.2660,
0.7340

0.0000, 0.0000,
0.0000

69.1083, 0.3295,
0.3913

69.1083, 0.3295,
0.3913

66.9074, 0.3361,
0.4205

71.5631, 0.3225,
0.3635

64.9418, 0.3417,
0.4502


74.2716, 0.3153,
0.3377

63.2046, 0.3461,
0.4793


77.2451, 0.3081,
0.3140


61.6847, 0.3486,
0.5064


80.0311, 0.3056,
0.2991


 60.3700, 0.3490,
0.5301

 81.9690, 0.3128,
0.2998

 59.2466, 0.3471,
0.5490

 82.3316, 0.3141,
0.2999

 58.2982, 0.3431,
0.5623

 57.7637, 0.3397,
0.5685

Harmonies

Analogous

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



69.1083, 0.3616, 0.3897



69.1083, 0.3295, 0.3913



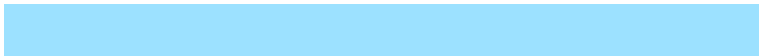
69.1083, 0.2941, 0.3731

Triad

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



69.1083, 0.3295, 0.3913



69.1083, 0.2482, 0.2824



69.1083, 0.3620, 0.3151

Complementary

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



69.1083, 0.3295, 0.3913



46.8204, 0.2923, 0.2664

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.



69.1083, 0.3290, 0.2901



69.1083, 0.3295, 0.3913



69.1083, 0.2640, 0.2712

Square

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



69.1083, 0.3295, 0.3913



69.1083, 0.2485, 0.3074



69.1083, 0.2930, 0.2744



69.1083, 0.3815, 0.3442

Rectangle

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



69.1083, 0.3295, 0.3913



69.1083, 0.2734, 0.3526



69.1083, 0.2930, 0.2744



69.1083, 0.3520, 0.3060

Sweetspot

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



69.1113, 0.3295, 0.3913



97.3410, 0.3178, 0.3465



58.8036, 0.3550, 0.3574



20.7876, 0.3182, 0.3480



0.0000, 0.0000, 0.0000



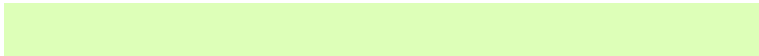
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1113, 0.3295, 0.3913



90.3861, 0.3326, 0.4047



65.8048, 0.3108, 0.3950



15.6918, 0.3195, 0.3527



33.3555, 0.3408, 0.5676



2.3652, 0.3522, 0.5586

Inverse Universe

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



46.8204, 0.2923, 0.2664



56.1300, 0.2874, 0.2528



50.6739, 0.3140, 0.2703



13.5587, 0.3054, 0.3053



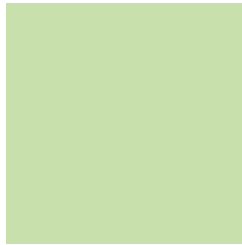
4.9717, 0.1973, 0.0860



0.3976, 0.2144, 0.0955

Previews

White Background



This preview shows how the Yxy color 69.1083, 0.3295, 0.3913 looks on a white background.

Color Contrast Check

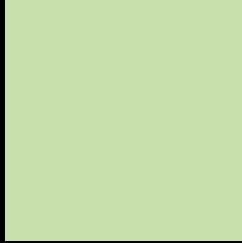
Large Text (above 18pt) WCAG AA × Fail

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 69.1083, 0.3295, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

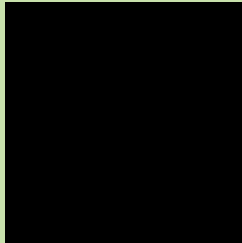
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

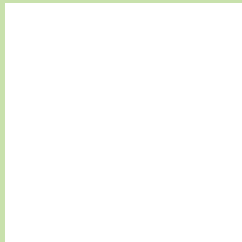
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1083, 0.3295, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 69.1083, 0.3295, 0.3913.



This preview shows how white text looks on a background with the Yxy color 69.1083, 0.3295, 0.3913.

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

69.1083, 0.3295, 0.3913

Protanopia

68.9278, 0.3579, 0.3820

Deuteranopia

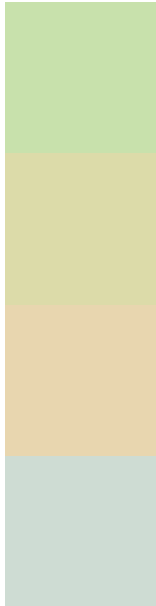
68.7556, 0.3702, 0.3627



Tritanopia

69.1215, 0.2961, 0.3103

Trichromacy



Original Color

69.1083, 0.3295, 0.3913

Protanomaly

68.7433, 0.3478, 0.3856

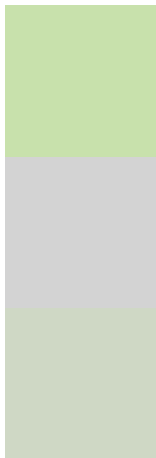
Deuteranomaly

68.3441, 0.3541, 0.3720

Tritanomaly

69.0114, 0.3087, 0.3392

Monochromacy



Original Color

69.1083, 0.3295, 0.3913

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.4083, 0.3190, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1083, 0.3295, 0.3913 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, 225, 172)` looks like.

```
.text, #text, p{  
    color:rgb(200, 225, 172)  
}
```

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, 225, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 225, 172) }
```

Border

The CSS property to change the border of an element to Yxy 69.1083, 0.3295, 0.3913 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, 225, 172) }
```

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

```
.border{ border-color:rgb(200, 225, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 225, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 225, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 225, 172);  
box-shadow:4px 4px 4px 4px rgb(200, 225,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1083, 0.3295, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 225, 172) }
```

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

```
.background{ background-color: rgb(200,  
225, 172) }
```

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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