

Converting Colors

$Yxy(69.1192, 0.3456, 0.4192)$

Have a look what the booklet for
Yxy(69.1192, 0.3456, 0.4192)
contains.

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Color

Yxy(69.1192, 0.3456, 0.4192)

Conversions

Conversions Part 1

Format	Color
Hex	CAE295
RGB	202, 226, 149
RGB Percent	79%, 89%, 58%
CMY	0.2078, 0.1137, 0.4156
CMYK	0.11, 0.00, 0.34, 0.11
HSL	79°, 57%, 74%
HSV	79°, 34%, 89%
XYZ	56.9838, 69.1192, 38.7806
YIQ	210.0460, 10.4130, -29.0350

Conversions

Conversions Part 2

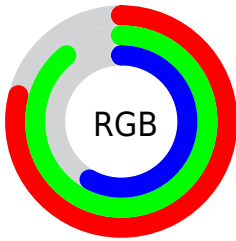
Format	Color
RYB	149, 226, 173
Decimal	13296277
CIELab	86.56, -20.48, 35.06
CIELCh	87, 40.604, 120.283
Yxy	69.1192, 0.3456, 0.4192
Android (android.graphics.Color)	4291486357 (0xFFCAE295)
YUV	210.0460, -30.0957, -7.0563
Hunter-Lab	83.1380, -23.1454, 30.5401

Details

The Yxy color **69.1192, 0.3456, 0.4192** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.8777, 0.2704, 0.2326**, and the grayscale version is **64.6817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **36.1919, 0.3518, 0.4429** is the 20% darker color. If you saturate the color by 10%, you get **67.5090, 0.3540, 0.4468**, and if you desaturate by 10%, it is **70.9204, 0.3363, 0.3915**.

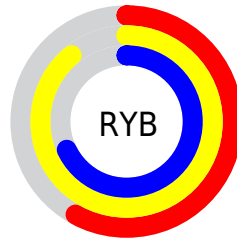
Distribution



Red (79%)

Green (89%)

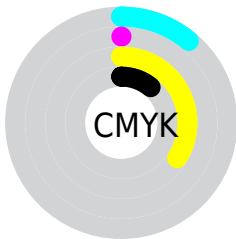
Blue (58%)



Red (58%)

Yellow (89%)

Blue (68%)

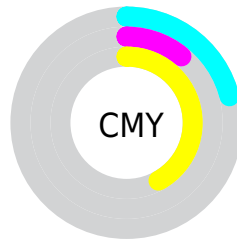


Cyan (11%)

Magenta (0%)

Yellow (34%)

Black (11%)



Cyan (21%)


Magenta (11%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1192, 0.3456, 0.4192 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 69.1192, 0.3456, 0.4192 by changing the saturation by 10% instead.

 69.1192, 0.3456,
0.4192


 69.1192, 0.3456,
0.4192


457.4513, 0.3314,
0.3758

 50.8088, 0.3485,
0.4294


 117.9518, 0.3410,
0.4039

 36.0565, 0.3518,
0.4421


 149.2428, 0.3391,
0.3980

 24.4778, 0.3556,
0.4584


185.6295, 0.3374,
0.3930

 15.6884, 0.3597,
0.4797

227.4961, 0.3359,
0.3886

 9.3040, 0.3638,
0.5086

275.2273, 0.3346,
0.3848

 4.9400, 0.3665,
0.5499


329.2072, 0.3334,

 2.2121, 0.3720,


0.3815


0.6280


389.8204, 0.3324,
0.3785


 0.7266, 0.2079,
0.7921


 0.0000, 0.0000,
0.0000


 69.1192, 0.3456,
0.4192


 69.1192, 0.3456,
0.4192


 67.5090, 0.3540,
0.4468

 70.9204, 0.3363,
0.3915


 66.0719, 0.3610,
0.4732


 72.9115, 0.3265,
0.3645

 64.8014, 0.3661,
0.4972


 75.1030, 0.3167,
0.3389

 63.6867, 0.3689,
0.5175


 77.5020, 0.3070,
0.3150

 62.7157, 0.3691,
0.5332

 79.6546, 0.3021,
0.2998

 61.8733, 0.3669,
0.5440

 80.8918, 0.3068,
0.3003

 61.4201, 0.3647,
0.5486

 82.1772, 0.3115,
0.3007

 82.8721, 0.3140,
0.3009

Harmonies

Analogous

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



69.1192, 0.3879, 0.4087



69.1192, 0.3456, 0.4192



69.1192, 0.2965, 0.4003

Triad

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



69.1192, 0.3456, 0.4192



69.1192, 0.2231, 0.2699



69.1192, 0.3724, 0.3010

Complementary

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



69.1192, 0.3456, 0.4192



35.8777, 0.2704, 0.2326

Split Complementary

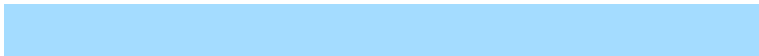
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1192, 0.3233, 0.2702



69.1192, 0.3456, 0.4192



69.1192, 0.2394, 0.2515

Square

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



69.1192, 0.3456, 0.4192



69.1192, 0.2279, 0.3073



69.1192, 0.2748, 0.2524



69.1192, 0.4054, 0.3392

Rectangle

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



69.1192, 0.3456, 0.4192



69.1192, 0.2666, 0.3728



69.1192, 0.2748, 0.2524



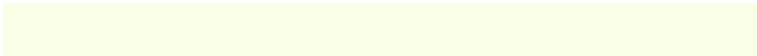
69.1192, 0.3570, 0.2896

Sweetspot

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



69.1223, 0.3456, 0.4192



96.9896, 0.3226, 0.3541



47.8885, 0.3836, 0.3563



20.6739, 0.3240, 0.3578



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.



69.1223, 0.3456, 0.4192



89.3345, 0.3518, 0.4392



64.4999, 0.3183, 0.4275



15.8042, 0.3219, 0.3525



35.1062, 0.3656, 0.5479



2.4802, 0.3741, 0.5412

Inverse Universe

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



35.8777, 0.2704, 0.2326



39.2460, 0.2591, 0.2094



40.7837, 0.3029, 0.2411



13.4494, 0.3029, 0.3051



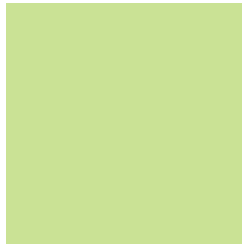
3.9395, 0.1719, 0.0721



0.3195, 0.1887, 0.0813

Previews

White Background



This preview shows how the Yxy color 69.1192, 0.3456, 0.4192 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 69.1192, 0.3456, 0.4192 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 69.1192, 0.3456, 0.4192

Background



This preview shows how black text looks on a background with the Yxy color 69.1192, 0.3456, 0.4192.



This preview shows how white text looks on a background with the Yxy color 69.1192, 0.3456, 0.4192.

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

69.1192, 0.3456, 0.4192

Protanopia

68.6485, 0.3765, 0.4064

Deuteranopia

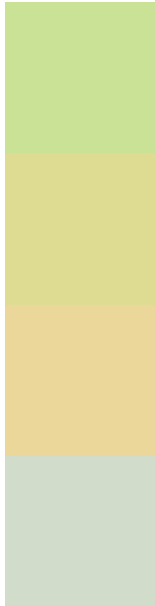
68.8404, 0.3871, 0.3808



Tritanopia

69.1411, 0.2994, 0.3104

Trichromacy



Original Color

69.1192, 0.3456, 0.4192

Protanomaly

68.7913, 0.3648, 0.4120

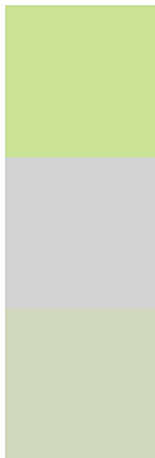
Deuteranomaly

68.8003, 0.3714, 0.3943

Tritanomaly

69.0060, 0.3168, 0.3495

Monochromacy



Original Color

69.1192, 0.3456, 0.4192

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

66.0080, 0.3252, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1192, 0.3456, 0.4192 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(202, 226, 149)` looks like.

```
.text, #text, p{  
    color:rgb(202, 226, 149)  
}
```

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(202, 226, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 226, 149) }
```

Border

The CSS property to change the border of an element to Yxy 69.1192, 0.3456, 0.4192 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(202, 226, 149) }
```

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

```
.border{ border-color:rgb(202, 226, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 226, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 226, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 226, 149);  
box-shadow:4px 4px 4px 4px rgb(202, 226,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1192, 0.3456, 0.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 226, 149) }
```

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

```
.background{ background-color: rgb(202,  
226, 149) }
```

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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