

Converting Colors

Yxy(69.9448, 0.3457, 0.4344)

Have a look what the booklet for
Yxy(69.9448, 0.3457, 0.4344)
contains.

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Color

Yxy(69.6678, 0.3459, 0.4340)

Conversions

Conversions Part 1

Format	Color
Hex	C4E58C
RGB	196, 229, 140
RGB Percent	77%, 90%, 55%
CMY	0.2312, 0.1020, 0.4510
CMYK	0.14, 0.00, 0.39, 0.10
HSL	82°, 63%, 72%
HSV	82°, 39%, 90%
XYZ	55.5256, 69.6678, 35.3315
YIQ	208.9870, 8.9010, -34.6750

Conversions

Conversions Part 2

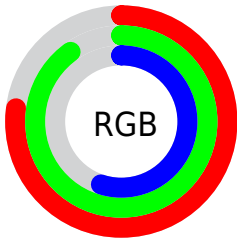
Format	Color
RYB	140, 229, 173
Decimal	12903820
CIELab	86.83, -25.27, 39.86
CIElCh	87, 47.199, 122.370
Yxy	69.6678, 0.3459, 0.4340
Android (android.graphics.Color)	4291093900 (0xFFC4E58C)
YUV	208.9870, -34.0106, -11.3896
Hunter-Lab	83.4672, -27.3227, 33.3297

Details

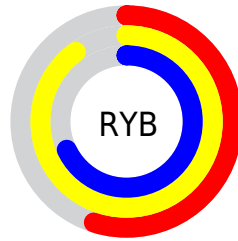
The Yxy color **69.6678, 0.3459, 0.4340** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **33.2931, 0.2673, 0.2184**, and the grayscale version is **63.9793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5310, 0.3477, 0.3881**, and **36.2544, 0.3518, 0.4606** is the 20% darker color. If you saturate the color by 10%, you get **67.9586, 0.3527, 0.4621**, and if you desaturate by 10%, it is **71.5880, 0.3380, 0.4055**.

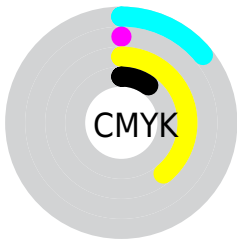
Distribution



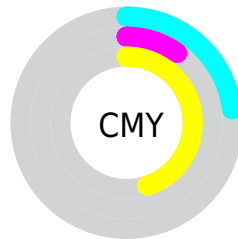
- Red (77%)
- Green (90%)
- Blue (55%)



- Red (55%)
- Yellow (90%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (39%)
- Black (10%)




- Cyan (23%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6678, 0.3459, 0.4340 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 69.6678, 0.3459, 0.4340 by changing the saturation by 10% instead.

 69.6678, 0.3459,
0.4340


 69.6678, 0.3459,
0.4340


459.3827, 0.3321,
0.3833


 51.2558, 0.3485,
0.4459


 118.7349, 0.3415,
0.4161

 36.4122, 0.3514,
0.4607

 150.1587, 0.3397,
0.4092

 24.7527, 0.3544,
0.4796


 186.6886, 0.3381,
0.4034

 15.8929, 0.3572,
0.5042

228.7090, 0.3366,
0.3983

 9.4484, 0.3588,
0.5372

276.6042, 0.3353,
0.3938

 5.0348, 0.3595,
0.5882


330.7586, 0.3342,

 2.2677, 0.3451,

0.3899

0.6549


391.5566, 0.3331,
0.3864

 0.7565, 0.1190,
0.8810

 0.0000, 0.0000,
0.0000


 69.6678, 0.3459,
0.4340


 69.6678, 0.3459,
0.4340

 67.9586, 0.3527,
0.4621


 71.5880, 0.3380,
0.4055


 66.4413, 0.3578,
0.4886

 73.7191, 0.3294,
0.3777

 65.1081, 0.3608,
0.5121

 76.0725, 0.3205,
0.3511


 63.9469, 0.3614,
0.5315


 78.6561, 0.3117,
0.3263


 62.9434, 0.3595,
0.5458

 81.4775, 0.3032,
0.3035

 62.0762, 0.3555,
0.5554

 83.0159, 0.3085,
0.3034

 61.9831, 0.3550,
0.5563

 84.5162, 0.3139,
0.3039

Harmonies

Analogous

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



69.6678, 0.3960, 0.4222



69.6678, 0.3459, 0.4340



69.6678, 0.2894, 0.4099

Triad

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



69.6678, 0.3459, 0.4340



69.6678, 0.2109, 0.2583



69.6678, 0.3853, 0.2994

Complementary

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



69.6678, 0.3459, 0.4340



33.2931, 0.2673, 0.2184

Split Complementary

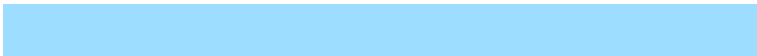
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6678, 0.3287, 0.2639



69.6678, 0.3459, 0.4340



69.6678, 0.2308, 0.2397

Square

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



69.6678, 0.3459, 0.4340



69.6678, 0.2145, 0.2994



69.6678, 0.2722, 0.2425



69.6678, 0.4219, 0.3428

Rectangle

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



69.6678, 0.3459, 0.4340



69.6678, 0.2559, 0.3763



69.6678, 0.2722, 0.2425



69.6678, 0.3677, 0.2863

Sweetspot

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



69.6709, 0.3459, 0.4340



96.0974, 0.3234, 0.3594



48.2974, 0.3945, 0.3670



20.4834, 0.3246, 0.3629



0.0000, 0.0000, 0.0000



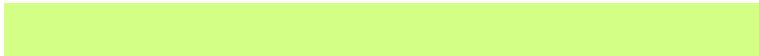
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6709, 0.3459, 0.4340



87.0660, 0.3517, 0.4577



64.5924, 0.3147, 0.4450



16.5365, 0.3211, 0.3526



35.5111, 0.3560, 0.5556



2.6766, 0.3652, 0.5482

Inverse Universe

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



33.2931, 0.2673, 0.2184



34.2371, 0.2546, 0.1918



39.1853, 0.3064, 0.2301



14.1458, 0.3038, 0.3051



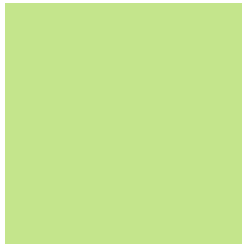
4.3962, 0.1801, 0.0766



0.3763, 0.1964, 0.0855

Previews

White Background



This preview shows how the Yxy color 69.6678, 0.3459, 0.4340 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 69.6678, 0.3459, 0.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

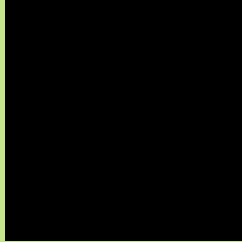
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6678, 0.3459, 0.4340

Background



This preview shows how black text looks on a background with the Yxy color 69.6678, 0.3459, 0.4340.

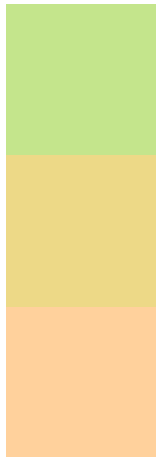


This preview shows how white text looks on a background with the Yxy color 69.6678, 0.3459, 0.4340.

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

69.6678, 0.3459, 0.4340

Protanopia

69.3795, 0.3852, 0.4169

Deuteranopia

69.2612, 0.3882, 0.3839



Tritanopia

69.6963, 0.2955, 0.3103

Trichromacy



Original Color

69.6678, 0.3459, 0.4340



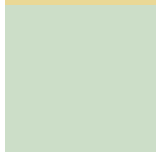
Protanomaly

69.0486, 0.3703, 0.4227



Deuteranomaly

68.8062, 0.3730, 0.4011



Tritanomaly

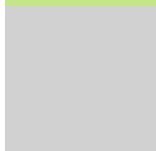
69.2501, 0.3144, 0.3543

Monochromacy



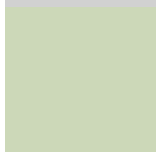
Original Color

69.6678, 0.3459, 0.4340



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

65.4098, 0.3257, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6678, 0.3459, 0.4340 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, 229, 140)` looks like.

```
.text, #text, p{  
    color:rgb(196, 229, 140)  
}
```

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, 229, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 229, 140) }
```

Border

The CSS property to change the border of an element to Yxy 69.6678, 0.3459, 0.4340 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, 229, 140) }
```

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

```
.border{ border-color:rgb(196, 229, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 229, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 229, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 229, 140);  
box-shadow:4px 4px 4px 4px rgb(196, 229,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6678, 0.3459, 0.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 229, 140) }
```

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

```
.background{ background-color: rgb(196,  
229, 140) }
```

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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