

Converting Colors

$Yxy(78.8614, 0.3391, 0.4178)$

Have a look what the booklet for
Yxy(78.8614, 0.3391, 0.4178)
contains.

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Color

Yxy(78.9291, 0.3386, 0.4177)

Conversions

Conversions Part 1

Format	Color
Hex	D0F1A2
RGB	208, 241, 162
RGB Percent	82%, 95%, 64%
CMY	0.1845, 0.0548, 0.3647
CMYK	0.14, 0.00, 0.33, 0.05
HSL	85°, 74%, 79%
HSV	85°, 33%, 95%
XYZ	63.9823, 78.9291, 46.0498
YIQ	222.1270, 5.6910, -31.5650

Conversions

Conversions Part 2

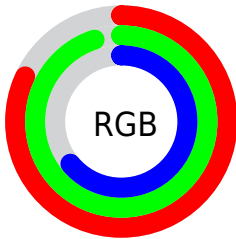
Format	Color
R _{YB}	162, 241, 195
Decimal	13693346
CIE Lab	91.20, -23.87, 34.71
CIE LCh	91, 42.125, 124.523
Yxy	78.9291, 0.3386, 0.4177
Android (android.graphics.Color)	4291883426 (0xFFD0F1A2)
YUV	222.1270, -29.6426, -12.3894
Hunter-Lab	88.8421, -26.9215, 31.4574

Details

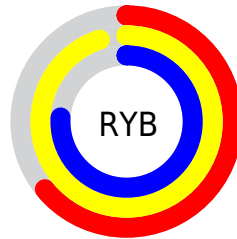
The Yxy color **78.9291, 0.3386, 0.4177** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **43.8074, 0.2788, 0.2379**, and the grayscale version is **73.3500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **42.5744, 0.3436, 0.4400** is the 20% darker color. If you saturate the color by 10%, you get **76.7408, 0.3453, 0.4469**, and if you desaturate by 10%, it is **81.3815, 0.3310, 0.3890**.

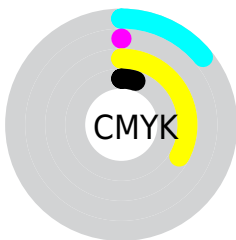
Distribution



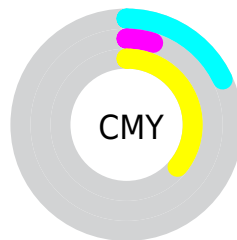
- Red (82%)
- Green (95%)
- Blue (64%)



- Red (64%)
- Yellow (95%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)





- Cyan (18%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9291, 0.3386, 0.4177 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 78.9291, 0.3386, 0.4177 by changing the saturation by 10% instead.


 78.9291, 0.3386,
0.4177


 78.9291, 0.3386,
0.4177


491.3165, 0.3279,
0.3758

 58.8375, 0.3407,
0.4274


 131.8590, 0.3352,
0.4031

 42.4823, 0.3430,
0.4394


 165.4662, 0.3338,
0.3974

 29.4792, 0.3455,
0.4545

204.3473, 0.3325,
0.3925

 19.4436, 0.3483,
0.4743

248.8868, 0.3314,
0.3883

 11.9912, 0.3507,
0.5008

299.4691, 0.3304,
0.3846

 6.7377, 0.3516,
0.5379

356.4785, 0.3295,

 3.2986, 0.3606,

0.3813

420.2995, 0.3287,
0.3784

0.6153

1.2896, 0.3161,
0.6839

0.1331, 0.0000,
1.0000

78.9291, 0.3386,
0.4177

78.9291, 0.3386,
0.4177

76.7408, 0.3453,
0.4469

81.3815, 0.3310,
0.3890

74.7951, 0.3506,
0.4753

84.0979, 0.3231,
0.3615

73.0833, 0.3541,
0.5017

87.0916, 0.3150,
0.3358

71.5920, 0.3555,
0.5247

90.1494, 0.3090,
0.3154

■ 70.3059, 0.3543,
0.5430

■ 91.3989, 0.3133,
0.3156

■ 69.2068, 0.3509,
0.5559

■ 68.5104, 0.3473,
0.5624

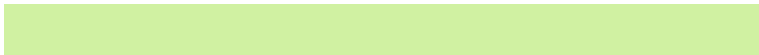
Harmonies

Analogous

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



78.9291, 0.3823, 0.4111



78.9291, 0.3386, 0.4177



78.9291, 0.2899, 0.3947

Triad

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



78.9291, 0.3386, 0.4177



78.9291, 0.2247, 0.2665



78.9291, 0.3779, 0.3063

Complementary

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



78.9291, 0.3386, 0.4177



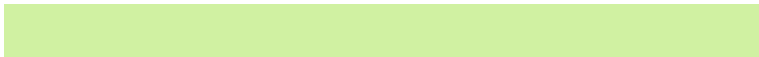
43.8074, 0.2788, 0.2379

Split Complementary

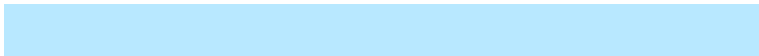
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9291, 0.3305, 0.2742



78.9291, 0.3386, 0.4177



78.9291, 0.2438, 0.2510

Square

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



78.9291, 0.3386, 0.4177



78.9291, 0.2265, 0.3012



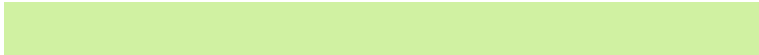
78.9291, 0.2813, 0.2544



78.9291, 0.4073, 0.3448

Rectangle

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



78.9291, 0.3386, 0.4177



78.9291, 0.2614, 0.3658



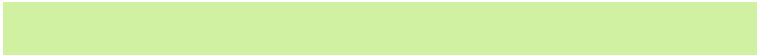
78.9291, 0.2813, 0.2544



78.9291, 0.3633, 0.2946

Sweetspot

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



78.9326, 0.3386, 0.4177



96.4976, 0.3208, 0.3542



60.3112, 0.3772, 0.3652



20.5546, 0.3220, 0.3579



0.0000, 0.0000, 0.0000



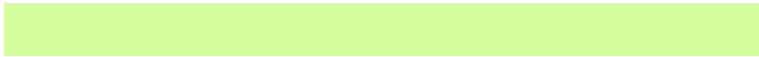
21.4041, 0.3127, 0.3290

Same Dimension

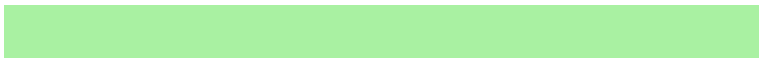
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9326, 0.3386, 0.4177



88.1103, 0.3430, 0.4362



73.9184, 0.3122, 0.4254



18.1105, 0.3204, 0.3528



37.2278, 0.3484, 0.5616



3.1553, 0.3574, 0.5544

Inverse Universe

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



43.8074, 0.2788, 0.2379



42.7375, 0.2704, 0.2183



49.7623, 0.3110, 0.2462



15.5518, 0.3045, 0.3051



5.0138, 0.1875, 0.0807



0.4743, 0.2022, 0.0888

Previews

White Background



This preview shows how the Yxy color 78.9291, 0.3386, 0.4177 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 78.9291, 0.3386, 0.4177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

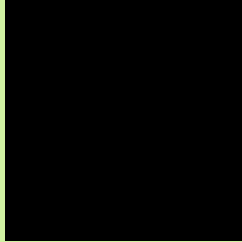
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9291, 0.3386, 0.4177

Background



This preview shows how black text looks on a background with the Yxy color 78.9291, 0.3386, 0.4177.

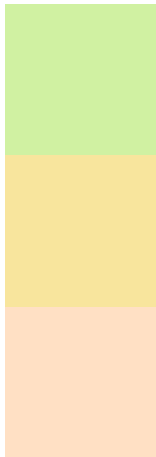


This preview shows how white text looks on a background with the Yxy color 78.9291, 0.3386, 0.4177.

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

78.9291, 0.3386, 0.4177

Protanopia

78.4294, 0.3745, 0.4034

Deuteranopia

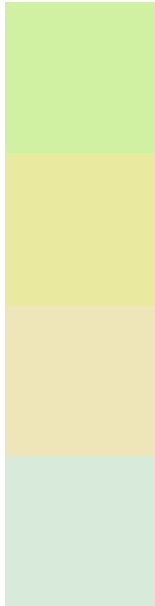
78.5568, 0.3544, 0.3576



Tritanopia

78.5866, 0.2950, 0.3102

Trichromacy



Original Color

78.9291, 0.3386, 0.4177

Protanomaly

78.1047, 0.3606, 0.4082

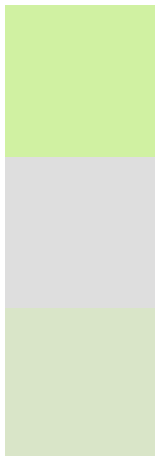
Deuteranomaly

78.2315, 0.3487, 0.3778

Tritanomaly

78.4543, 0.3112, 0.3474

Monochromacy



Original Color

78.9291, 0.3386, 0.4177

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.9605, 0.3230, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9291, 0.3386, 0.4177 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(208, 241, 162)` looks like.

```
.text, #text, p{  
    color:rgb(208, 241, 162)  
}
```

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(208, 241, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 241, 162) }
```

Border

The CSS property to change the border of an element to Yxy 78.9291, 0.3386, 0.4177 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(208, 241, 162) }
```

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

```
.border{ border-color:rgb(208, 241, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 241, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 241, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 241, 162);  
box-shadow:4px 4px 4px 4px rgb(208, 241,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9291, 0.3386, 0.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 241, 162) }
```

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

```
.background{ background-color: rgb(208,  
241, 162) }
```

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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