

Converting Colors

$Yxy(76.2650, 0.3297, 0.3915)$

Have a look what the booklet for
Yxy(76.2650, 0.3297, 0.3915)
contains.

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Color

Yxy(76.2673, 0.3294, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	D1EBB4
RGB	209, 235, 180
RGB Percent	82%, 92%, 71%
CMY	0.1805, 0.0784, 0.2942
CMYK	0.11, 0.00, 0.23, 0.08
HSL	88°, 58%, 81%
HSV	88°, 23%, 92%
XYZ	64.2354, 76.2673, 54.5045
YIQ	220.9560, 2.1590, -22.6170

Conversions

Conversions Part 2

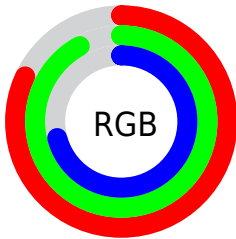
Format	Color
RYB	180, 235, 206
Decimal	13757364
CIELab	89.98, -18.04, 23.93
CIELCh	90, 29.969, 127.017
Yxy	76.2673, 0.3294, 0.3911
Android (android.graphics.Color)	4291947444 (0xFFD1EBB4)
YUV	220.9560, -20.1913, -10.4854
Hunter-Lab	87.3312, -21.5360, 24.1282

Details

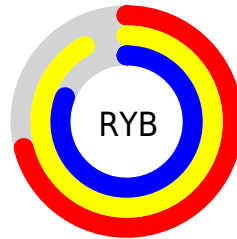
The Yxy color **76.2673, 0.3294, 0.3911** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.7574, 0.2924, 0.2666**, and the grayscale version is **72.4159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **40.6425, 0.3325, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **73.8275, 0.3360, 0.4203**, and if you desaturate by 10%, it is **78.9893, 0.3224, 0.3633**.

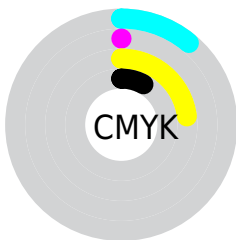
Distribution



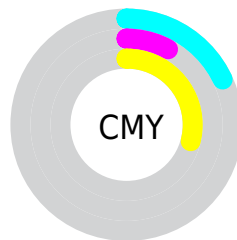
- Red (82%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (92%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)




- Cyan (18%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2673, 0.3294, 0.3911 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 76.2673, 0.3294, 0.3911 by changing the saturation by 10% instead.

 76.2673, 0.3294,
0.3911

 76.2673, 0.3294,
0.3911


482.2622, 0.3223,
0.3617

 56.6517, 0.3309,
0.3979

 128.1047, 0.3271,
0.3808

 40.7257, 0.3326,
0.4064


161.0953, 0.3261,
0.3768

 28.1048, 0.3346,
0.4173


199.3130, 0.3253,
0.3734

 18.4047, 0.3370,
0.4316

243.1422, 0.3245,
0.3705

 11.2409, 0.3397,
0.4513

292.9674, 0.3239,
0.3679

 6.2291, 0.3425,
0.4798

349.1728, 0.3233,

 2.9849, 0.3448,

0.3656

412.1430, 0.3227,
0.3636

0.5257

1.1239, 0.3518,
0.6482

0.0000, 0.0000,
0.0000

76.2673, 0.3294,
0.3911

76.2673, 0.3294,
0.3911

73.8275, 0.3360,
0.4203

78.9893, 0.3224,
0.3633

71.6495, 0.3416,
0.4501

81.9933, 0.3152,
0.3374

69.7252, 0.3459,
0.4794

85.2919, 0.3080,
0.3136

68.0425, 0.3485,
0.5066

87.6102, 0.3126,
0.3097

■ 66.5877, 0.3489,
0.5303

■ 87.9035, 0.3136,
0.3097

■ 65.3456, 0.3470,
0.5492

■ 64.2979, 0.3428,
0.5625

■ 63.6972, 0.3393,
0.5688

Harmonies

Analogous

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



76.2673, 0.3615, 0.3896



76.2673, 0.3294, 0.3911



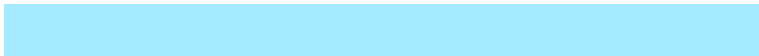
76.2673, 0.2941, 0.3730

Triad

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



76.2673, 0.3294, 0.3911



76.2673, 0.2484, 0.2825



76.2673, 0.3619, 0.3151

Complementary

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



76.2673, 0.3294, 0.3911



51.7574, 0.2924, 0.2666

Split Complementary

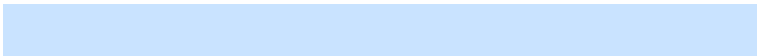
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2673, 0.3290, 0.2903



76.2673, 0.3294, 0.3911



76.2673, 0.2642, 0.2713

Square

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



76.2673, 0.3294, 0.3911



76.2673, 0.2486, 0.3074



76.2673, 0.2931, 0.2745



76.2673, 0.3814, 0.3442

Rectangle

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



76.2673, 0.3294, 0.3911



76.2673, 0.2734, 0.3525



76.2673, 0.2931, 0.2745



76.2673, 0.3520, 0.3061

Sweetspot

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



76.2706, 0.3294, 0.3911



97.3368, 0.3178, 0.3465



64.9389, 0.3549, 0.3573



20.7867, 0.3182, 0.3480



0.0000, 0.0000, 0.0000



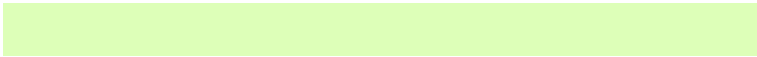
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2706, 0.3294, 0.3911



90.3717, 0.3326, 0.4047



72.6407, 0.3108, 0.3948



17.2528, 0.3195, 0.3528



35.5230, 0.3404, 0.5679



2.8466, 0.3507, 0.5598

Inverse Universe

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



51.7574, 0.2924, 0.2666



56.1440, 0.2875, 0.2528



55.9874, 0.3140, 0.2705



14.8983, 0.3054, 0.3052



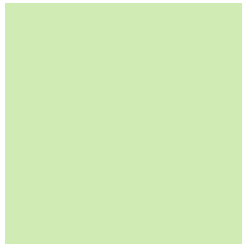
5.2996, 0.1973, 0.0861



0.4730, 0.2126, 0.0945

Previews

White Background



This preview shows how the Yxy color 76.2673, 0.3294, 0.3911 looks on a white background.

Color Contrast Check

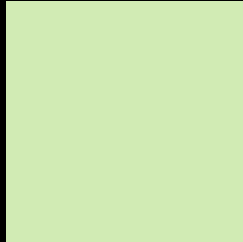
Large Text (above 18pt) WCAG AA × Fail

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 76.2673, 0.3294, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

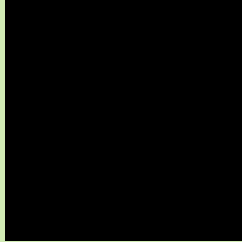
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

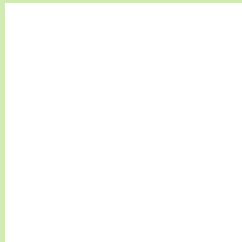
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2673, 0.3294, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 76.2673, 0.3294, 0.3911.

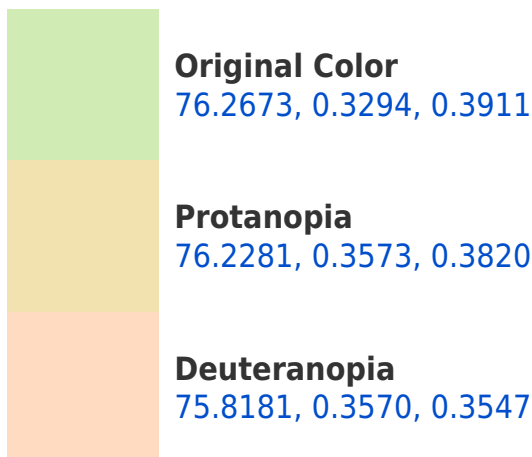


This preview shows how white text looks on a background with the Yxy color 76.2673, 0.3294, 0.3911.

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

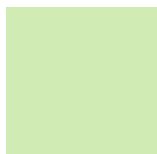




Tritanopia

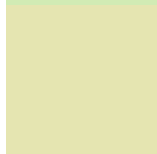
75.8298, 0.2961, 0.3099

Trichromacy



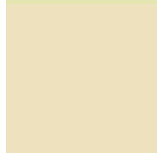
Original Color

76.2673, 0.3294, 0.3911



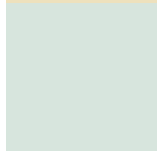
Protanomaly

75.8710, 0.3469, 0.3856



Deuteranomaly

75.7017, 0.3463, 0.3674



Tritanomaly

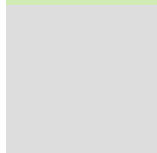
75.7062, 0.3082, 0.3377

Monochromacy



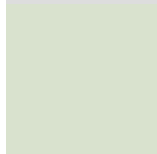
Original Color

76.2673, 0.3294, 0.3911



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

73.6007, 0.3194, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2673, 0.3294, 0.3911 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(209, 235, 180)` looks like.

```
.text, #text, p{  
    color:rgb(209, 235, 180)  
}
```

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(209, 235, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 235, 180) }
```

Border

The CSS property to change the border of an element to Yxy 76.2673, 0.3294, 0.3911 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(209, 235, 180) }
```

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

```
.border{ border-color:rgb(209, 235, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 235, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 235, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 235, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 235,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2673, 0.3294, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 235, 180) }
```

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

```
.background{ background-color: rgb(209,  
235, 180) }
```

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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