

Converting Colors

$Yxy(75.4201, 0.3342, 0.3956)$

Have a look what the booklet for
Yxy(75.4201, 0.3342, 0.3956)
contains.

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Color

Yxy(75.2219, 0.3343, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	D3E9AF
RGB	211, 233, 175
RGB Percent	83%, 91%, 69%
CMY	0.1725, 0.0863, 0.3138
CMYK	0.09, 0.00, 0.25, 0.09
HSL	83°, 57%, 80%
HSV	83°, 25%, 91%
XYZ	63.7432, 75.2219, 51.7115
YIQ	219.8100, 5.5060, -22.7020

Conversions

Conversions Part 2

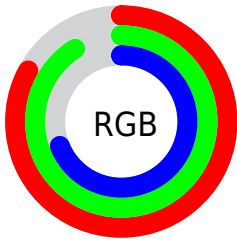
Format	Color
RYB	175, 233, 197
Decimal	13887919
CIELab	89.50, -17.07, 25.85
CIELCh	89, 30.977, 123.438
Yxy	75.2219, 0.3343, 0.3945
Android (android.graphics.Color)	4292077999 (0xFFD3E9AF)
YUV	219.8100, -22.0913, -7.7264
Hunter-Lab	86.7306, -20.5888, 25.3608

Details

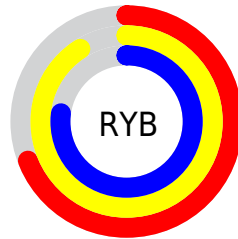
The Yxy color **75.2219, 0.3343, 0.3945** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **48.4071, 0.2866, 0.2615**, and the grayscale version is **71.5879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **39.9173, 0.3388, 0.4105** is the 20% darker color. If you saturate the color by 10%, you get **73.1184, 0.3424, 0.4230**, and if you desaturate by 10%, it is **77.5616, 0.3257, 0.3670**.

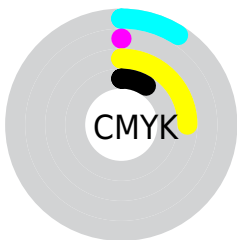
Distribution



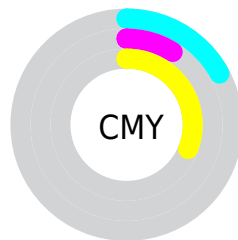
- Red (83%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)





- Cyan (17%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2219, 0.3343, 0.3945 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 75.2219, 0.3343, 0.3945 by changing the saturation by 10% instead.


 75.2219, 0.3343,
0.3945

 75.2219, 0.3343,
0.3945

478.6799, 0.3249,
0.3635

 55.7947, 0.3363,
0.4017


 126.6264, 0.3312,
0.3836

 40.0383, 0.3386,
0.4107

159.3725, 0.3299,
0.3794

 27.5684, 0.3413,
0.4221


197.3271, 0.3288,
0.3758

 18.0006, 0.3446,
0.4372

240.8744, 0.3279,
0.3727

 10.9504, 0.3484,
0.4578

290.3990, 0.3270,
0.3700

 6.0335, 0.3526,
0.4875

346.2852, 0.3263,

 2.8655, 0.3591,

0.3676

408.9173, 0.3256,
0.3654

0.5388

1.0619, 0.3543,
0.6457

0.0000, 0.0000,
0.0000

75.2219, 0.3343,
0.3945

75.2219, 0.3343,
0.3945

73.1184, 0.3424,
0.4230

77.5616, 0.3257,
0.3670

71.2321, 0.3495,
0.4515

80.1362, 0.3170,
0.3410

69.5561, 0.3552,
0.4789

82.9573, 0.3083,
0.3170

68.0795, 0.3589,
0.5039

85.1534, 0.3080,
0.3074

■ 66.7901, 0.3604,
0.5253

■ 86.7592, 0.3137,
0.3078

■ 65.6739, 0.3593,
0.5418

■ 64.7138, 0.3559,
0.5532

■ 64.2711, 0.3536,
0.5575

Harmonies

Analogous

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



75.2219, 0.3665, 0.3904



75.2219, 0.3343, 0.3945



75.2219, 0.2975, 0.3780

Triad

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



75.2219, 0.3343, 0.3945



75.2219, 0.2452, 0.2831



75.2219, 0.3603, 0.3112

Complementary

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



75.2219, 0.3343, 0.3945



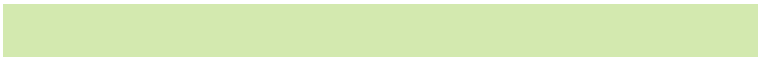
48.4071, 0.2866, 0.2615

Split Complementary

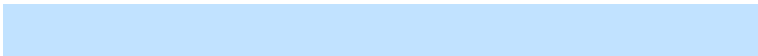
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2219, 0.3250, 0.2864



75.2219, 0.3343, 0.3945



75.2219, 0.2596, 0.2698

Square

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



75.2219, 0.3343, 0.3945



75.2219, 0.2475, 0.3103



75.2219, 0.2882, 0.2715



75.2219, 0.3826, 0.3411

Rectangle

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



75.2219, 0.3343, 0.3945



75.2219, 0.2754, 0.3576



75.2219, 0.2882, 0.2715



75.2219, 0.3494, 0.3021

Sweetspot

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



75.2252, 0.3343, 0.3945



97.6426, 0.3188, 0.3464



60.0170, 0.3595, 0.3529



20.8575, 0.3194, 0.3480



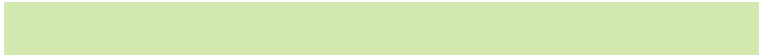
0.0000, 0.0000, 0.0000



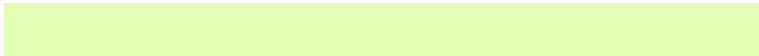
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2252, 0.3343, 0.3945



90.9243, 0.3386, 0.4094



71.4077, 0.3145, 0.3987



17.3253, 0.3210, 0.3527



36.5412, 0.3545, 0.5567



2.9242, 0.3634, 0.5496

Inverse Universe

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



48.4071, 0.2866, 0.2615



52.5967, 0.2799, 0.2456



52.5904, 0.3093, 0.2659



14.8271, 0.3039, 0.3051



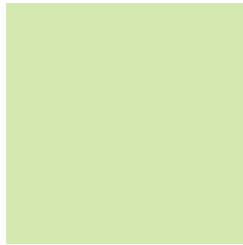
4.5895, 0.1813, 0.0772



0.4140, 0.1967, 0.0857

Previews

White Background



This preview shows how the Yxy color 75.2219, 0.3343, 0.3945 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 75.2219, 0.3343, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

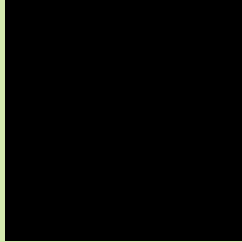
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

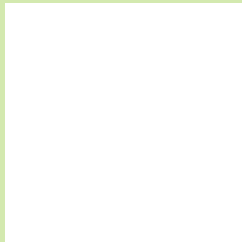
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2219, 0.3343, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 75.2219, 0.3343, 0.3945.

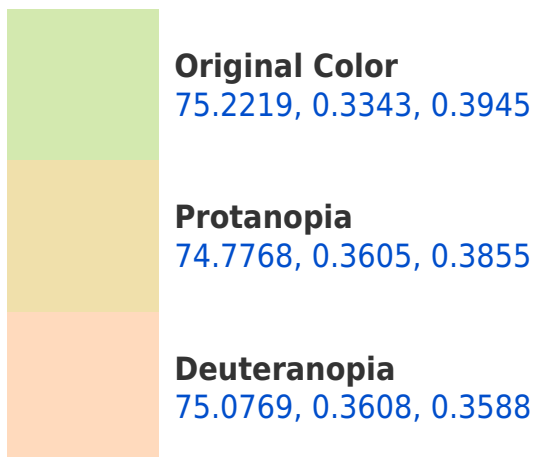


This preview shows how white text looks on a background with the Yxy color 75.2219, 0.3343, 0.3945.

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

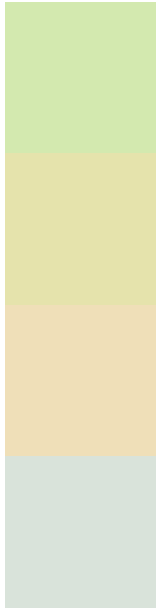




Tritanopia

75.0943, 0.2993, 0.3100

Trichromacy



Original Color

75.2219, 0.3343, 0.3945

Protanomaly

74.5747, 0.3507, 0.3891

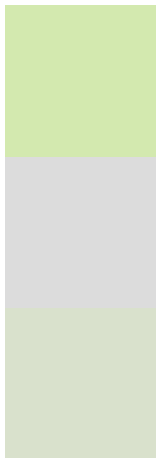
Deuteranomaly

74.5868, 0.3510, 0.3706

Tritanomaly

74.7518, 0.3116, 0.3388

Monochromacy



Original Color

75.2219, 0.3343, 0.3945

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.9618, 0.3208, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2219, 0.3343, 0.3945 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(211, 233, 175)` looks like.

```
.text, #text, p{  
    color:rgb(211, 233, 175)  
}
```

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(211, 233, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 233, 175) }
```

Border

The CSS property to change the border of an element to Yxy 75.2219, 0.3343, 0.3945 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(211, 233, 175) }
```

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

```
.border{ border-color:rgb(211, 233, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 233, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 233, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 233, 175);  
box-shadow:4px 4px 4px 4px rgb(211, 233,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2219, 0.3343, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 233, 175) }
```

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

```
.background{ background-color: rgb(211,  
233, 175) }
```

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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