

Converting Colors

$Yxy(74.5323, 0.3999, 0.5207)$

Have a look what the booklet for
Yxy(74.5323, 0.3999, 0.5207)
contains.

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Color

Yxy(74.4173, 0.3999, 0.5207)

Conversions

Conversions Part 1

Format	Color
Hex	D3ED00
RGB	211, 237, 0
RGB Percent	83%, 93%, 0%
CMY	0.1725, 0.0706, 1.0000
CMYK	0.11, 0.00, 1.00, 0.07
HSL	67°, 100%, 46%
HSV	67°, 100%, 93%
XYZ	57.1528, 74.4173, 11.3477
YIQ	202.2080, 60.5810, -79.2190

Conversions

Conversions Part 2

Format	Color
RYB	0, 237, 26
Decimal	13888768
CIELab	89.12, -31.08, 87.12
CIELCh	89, 92.498, 109.632
Yxy	74.4173, 0.3999, 0.5207
Android (android.graphics.Color)	4292078848 (0xFFD3ED00)
YUV	202.2080, -99.6885, 7.7106
Hunter-Lab	86.2655, -32.7043, 52.5866

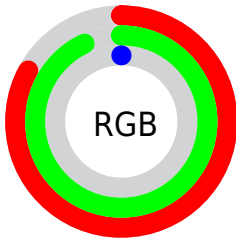
Details

The Yxy color **74.4173, 0.3999, 0.5207** is a light color, and the websafe version is hex **CCFF33**.

The color can be described as light washed yellow. A complement of this color would be **6.3337, 0.1532, 0.0618**, and the grayscale version is **59.8109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5353, 0.4020, 0.4767**, and **39.6271, 0.3904, 0.5282** is the 20% darker color. If you saturate the color by 10%, you get **74.4209, 0.3999, 0.5207**, and if you desaturate by 10%, it is **74.8725, 0.4000, 0.5157**.

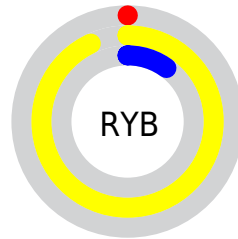
Distribution



Red (83%)

Green (93%)

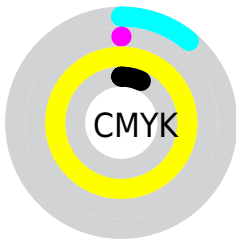
Blue (0%)



Red (0%)

Yellow (93%)

Blue (10%)

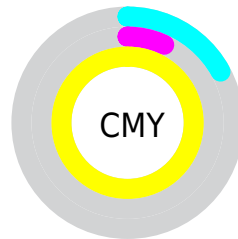


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (17%)

Magenta (7%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4173, 0.3999, 0.5207 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 74.4173, 0.3999, 0.5207 by changing the saturation by 10% instead.


 74.4173, 0.3999,
0.5207


 74.4173, 0.3999,
0.5207


475.9124, 0.3704,
0.4363


 55.1357, 0.4029,
0.5369


 125.4872, 0.3926,
0.4936

 39.5103, 0.4045,
0.5550


 158.0442, 0.3889,
0.4823


 27.1570, 0.4035,
0.5746


 195.7951, 0.3853,
0.4723

 17.6911, 0.4006,
0.5994

 239.1244, 0.3819,
0.4634

 10.7285, 0.3843,
0.6157

 288.4163, 0.3787,
0.4555

 5.8846, 0.3605,
0.6395


 344.0554, 0.3757,

 2.7750, 0.3230,


0.4484


0.6770


406.4259, 0.3730,
0.4421

 1.0154, 0.1652,
0.8348


 0.0000, 0.0000,
0.0000


 74.4173, 0.3999,
0.5207


 74.4173, 0.3999,
0.5207

 74.4209, 0.3999,
0.5207

 74.8725, 0.4000,
0.5157

 75.4093, 0.3979,
0.5069

 76.0564, 0.3931,
0.4935

 76.8284, 0.3858,
0.4759

■ 77.7377, 0.3762,
0.4547

■ 78.7950, 0.3649,
0.4308

■ 80.0102, 0.3523,
0.4054

■ 81.3919, 0.3392,
0.3794

■ 82.9485, 0.3258,
0.3538

Harmonies

Analogous

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



74.4173, 0.4828, 0.4559



74.4173, 0.3999, 0.5207



74.4173, 0.3014, 0.5266

Triad

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



74.4173, 0.3999, 0.5207



74.4173, 0.1369, 0.2204



74.4173, 0.4051, 0.2461

Complementary

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



74.4173, 0.3999, 0.5207



6.3337, 0.1532, 0.0618

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.



74.4173, 0.2915, 0.1988



74.4173, 0.3999, 0.5207



74.4173, 0.1534, 0.1805

Square

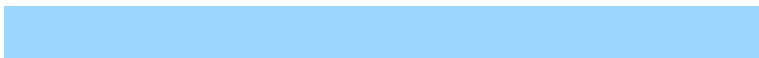
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4173, 0.3999, 0.5207



74.4173, 0.1541, 0.3076



74.4173, 0.2037, 0.1756



74.4173, 0.4987, 0.3096

Rectangle

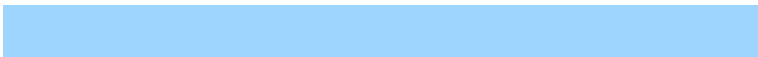
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4173, 0.3999, 0.5207



74.4173, 0.2384, 0.4744



74.4173, 0.2037, 0.1756



74.4173, 0.3665, 0.2280

Sweetspot

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



74.4209, 0.3999, 0.5207



94.4588, 0.3525, 0.4057



18.6455, 0.6335, 0.3352



20.0833, 0.3579, 0.4166



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.



74.4209, 0.3999, 0.5207



87.8592, 0.3998, 0.5207



62.9907, 0.3231, 0.5817



17.5383, 0.3251, 0.3524



40.6666, 0.4002, 0.5204



3.2173, 0.4030, 0.5182

Inverse Universe

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



6.3337, 0.1532, 0.0618



7.4662, 0.1530, 0.0617



11.8829, 0.2218, 0.0995



14.6279, 0.2997, 0.3047



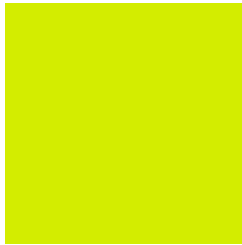
3.4853, 0.1539, 0.0622



0.3000, 0.1626, 0.0669

Previews

White Background



This preview shows how the Yxy color 74.4173, 0.3999, 0.5207 looks on a white background.

Color Contrast Check

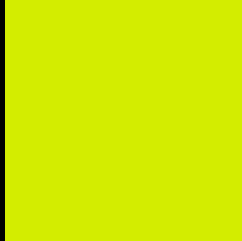
Large Text (above 18pt) WCAG AA × Fail

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 74.4173, 0.3999, 0.5207 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 74.4173, 0.3999, 0.5207

Background



This preview shows how black text looks on a background with the Yxy color 74.4173, 0.3999, 0.5207.



This preview shows how white text looks on a background with the Yxy color 74.4173, 0.3999, 0.5207.

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

74.4173, 0.3999, 0.5207

Protanopia

74.0068, 0.4407, 0.4883

Deuteranopia

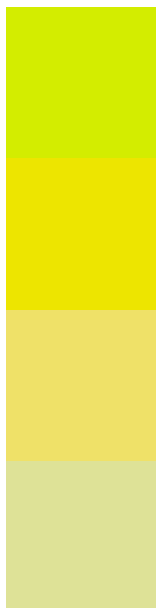
74.0831, 0.3790, 0.3845



Tritanopia

74.0175, 0.3073, 0.3101

Trichromacy



Original Color

74.4173, 0.3999, 0.5207

Protanomaly

74.0431, 0.4254, 0.5004

Deuteranomaly

73.2006, 0.4013, 0.4518

Tritanomaly

72.1567, 0.3596, 0.4124

Monochromacy



Original Color

74.4173, 0.3999, 0.5207

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

63.1650, 0.3642, 0.4304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4173, 0.3999, 0.5207 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, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 0)  
}
```

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, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 0) }
```

Border

The CSS property to change the border of an element to Yxy 74.4173, 0.3999, 0.5207 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, 237, 0) }
```

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

```
.border{ border-color:rgb(211, 237, 0) }
```

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

Here you see how a box with a 4 pixel rgb(211, 237, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4173, 0.3999, 0.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 0) }
```

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

```
.background{ background-color: rgb(211,  
237, 0) }
```

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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