

Converting Colors

Yxy(74.4383, 0.3588, 0.4470)

Have a look what the booklet for
Yxy(74.4383, 0.3588, 0.4470)
contains.

Yxy(74.4383, 0.3588, 0.4470)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.4383, 0.3588, 0.4470)

Conversions

Conversions Part 1

Format	Color
Hex	D0EB82
RGB	208, 235, 130
RGB Percent	82%, 92%, 51%
CMY	0.1843, 0.0784, 0.4902
CMYK	0.11, 0.00, 0.45, 0.08
HSL	75°, 72%, 72%
HSV	75°, 45%, 92%
XYZ	59.7505, 74.4383, 32.3399
YIQ	214.9570, 17.6130, -38.3790

Conversions

Conversions Part 2

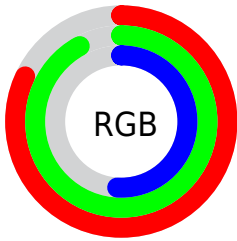
Format	Color
RYB	130, 235, 157
Decimal	13691778
CIELab	89.13, -24.82, 47.82
CIELCh	89, 53.874, 117.433
Yxy	74.4383, 0.3588, 0.4470
Android (android.graphics.Color)	4291881858 (0xFFD0EB82)
YUV	214.9570, -41.8838, -6.1013
Hunter-Lab	86.2776, -27.3680, 38.1704

Details

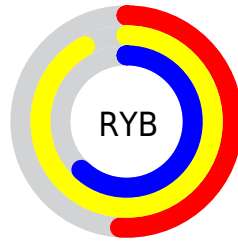
The Yxy color **74.4383, 0.3588, 0.4470** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **29.1354, 0.2487, 0.1965**, and the grayscale version is **68.2068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **39.4657, 0.3662, 0.4747** is the 20% darker color. If you saturate the color by 10%, you get **73.0214, 0.3667, 0.4724**, and if you desaturate by 10%, it is **76.0394, 0.3495, 0.4201**.

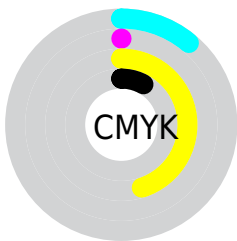
Distribution



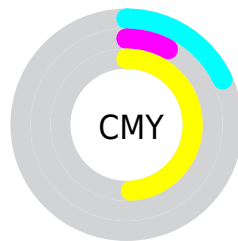
- Red (82%)
- Green (92%)
- Blue (51%)



- Red (51%)
- Yellow (92%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (8%)





- Cyan (18%)
- Magenta (8%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4383, 0.3588, 0.4470 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 74.4383, 0.3588, 0.4470 by changing the saturation by 10% instead.


 74.4383, 0.3588,
0.4470


 74.4383, 0.3588,
0.4470


475.9847, 0.3399,
0.3912

 55.1528, 0.3623,
0.4597


 125.5169, 0.3529,
0.4276

 39.5241, 0.3661,
0.4753

 158.0789, 0.3503,
0.4200

 27.1677, 0.3701,
0.4947


 195.8352, 0.3481,
0.4136

 17.6992, 0.3738,
0.5192

239.1701, 0.3461,
0.4079

 10.7343, 0.3759,
0.5506

288.4682, 0.3443,
0.4030

 5.8884, 0.3803,
0.6025

344.1137, 0.3427,

 2.7774, 0.3571,

0.3986

0.6429

406.4911, 0.3412,
0.3947

■ 1.0166, 0.2586,
0.7414

■ 0.0000, 0.0000,
0.0000

■ 74.4383, 0.3588,
0.4470

■ 74.4383, 0.3588,
0.4470

■ 73.0214, 0.3667,
0.4724

■ 76.0394, 0.3495,
0.4201

■ 71.7683, 0.3726,
0.4950


■ 77.8239, 0.3392,
0.3929

■ 70.6709, 0.3761,
0.5139


■ 79.8040, 0.3285,
0.3661


■ 69.7157, 0.3770,
0.5283


■ 81.9876, 0.3177,
0.3405

 68.8864, 0.3754,
0.5377

 84.3822, 0.3072,
0.3164

 68.4832, 0.3738,
0.5414

 85.9204, 0.3066,
0.3093

 87.0210, 0.3105,
0.3096

 87.8997, 0.3136,
0.3097

Harmonies

Analogous

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



74.4383, 0.4120, 0.4266



74.4383, 0.3588, 0.4470



74.4383, 0.2962, 0.4278

Triad

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



74.4383, 0.3588, 0.4470



74.4383, 0.1994, 0.2558



74.4383, 0.3842, 0.2887

Complementary

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



74.4383, 0.3588, 0.4470



29.1354, 0.2487, 0.1965

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.



74.4383, 0.3192, 0.2522



74.4383, 0.3588, 0.4470



74.4383, 0.2170, 0.2320

Square

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



74.4383, 0.3588, 0.4470



74.4383, 0.2074, 0.3048



74.4383, 0.2586, 0.2318



74.4383, 0.4303, 0.3351

Rectangle

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



74.4383, 0.3588, 0.4470



74.4383, 0.2577, 0.3925



74.4383, 0.2586, 0.2318



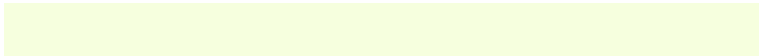
74.4383, 0.3634, 0.2751

Sweetspot

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



74.4416, 0.3588, 0.4470



96.4645, 0.3267, 0.3618



43.1385, 0.4180, 0.3590



20.5280, 0.3291, 0.3677



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.



74.4416, 0.3588, 0.4470



87.9623, 0.3664, 0.4713



68.1253, 0.3223, 0.4622



17.4207, 0.3228, 0.3526



38.1764, 0.3746, 0.5408



3.0433, 0.3810, 0.5357

Inverse Universe

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



29.1354, 0.2487, 0.1965



26.7573, 0.2315, 0.1651



35.4857, 0.2937, 0.2118



14.7362, 0.3020, 0.3049



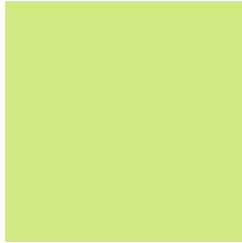
3.9323, 0.1654, 0.0685



0.3537, 0.1793, 0.0761

Previews

White Background



This preview shows how the Yxy color 74.4383, 0.3588, 0.4470 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 74.4383, 0.3588, 0.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

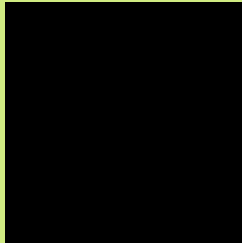
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4383, 0.3588, 0.4470

Background



This preview shows how black text looks on a background with the Yxy color 74.4383, 0.3588, 0.4470.

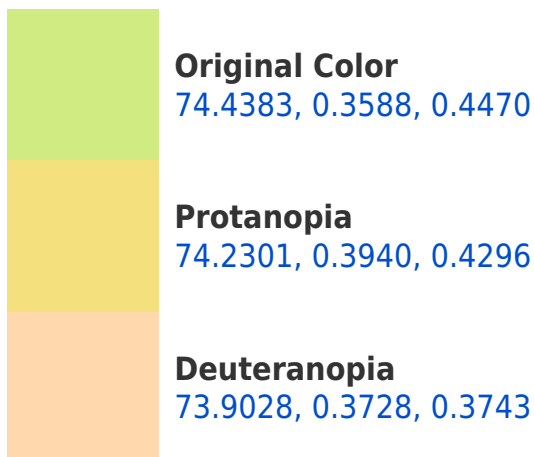


This preview shows how white text looks on a background with the Yxy color 74.4383, 0.3588, 0.4470.

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

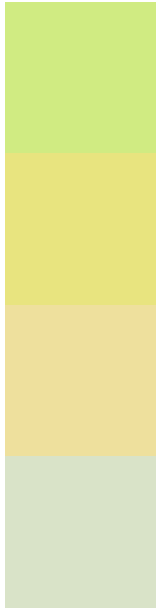




Tritanopia

74.0634, 0.3012, 0.3099

Trichromacy



Original Color

74.4383, 0.3588, 0.4470

Protanomaly

74.1749, 0.3815, 0.4363

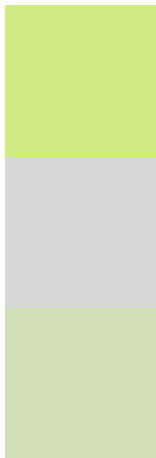
Deuteranomaly

73.9228, 0.3686, 0.4007

Tritanomaly

73.8600, 0.3232, 0.3590

Monochromacy



Original Color

74.4383, 0.3588, 0.4470

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.7003, 0.3309, 0.3724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4383, 0.3588, 0.4470 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, 235, 130)` looks like.

```
.text, #text, p{  
    color:rgb(208, 235, 130)  
}
```

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, 235, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 235, 130) }
```

Border

The CSS property to change the border of an element to Yxy 74.4383, 0.3588, 0.4470 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, 235, 130) }
```

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

```
.border{ border-color:rgb(208, 235, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 235, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 235, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 235, 130);  
box-shadow:4px 4px 4px 4px rgb(208, 235,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4383, 0.3588, 0.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 235, 130) }
```

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

```
.background{ background-color: rgb(208,  
235, 130) }
```

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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