

Converting Colors

$Yxy(73.2030, 0.3760, 0.4809)$

Have a look what the booklet for
Yxy(73.2030, 0.3760, 0.4809)
contains.

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Color

Yxy(73.4902, 0.3763, 0.4813)

Conversions

Conversions Part 1

Format	Color
Hex	CFEB5E
RGB	207, 235, 94
RGB Percent	81%, 92%, 37%
CMY	0.1883, 0.0784, 0.6314
CMYK	0.12, 0.00, 0.60, 0.08
HSL	72°, 78%, 65%
HSV	72°, 60%, 92%
XYZ	57.4576, 73.4902, 21.7432
YIQ	210.5540, 28.5730, -49.7870

Conversions

Conversions Part 2

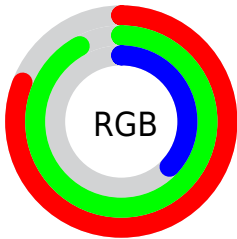
Format	Color
RYB	94, 235, 122
Decimal	13626206
CIELab	88.68, -28.44, 63.58
CIELCh	89, 69.654, 114.097
Yxy	73.4902, 0.3763, 0.4813
Android (android.graphics.Color)	4291816286 (0xFFCFEB5E)
YUV	210.5540, -57.4611, -3.1169
Hunter-Lab	85.7264, -30.3827, 44.9705

Details

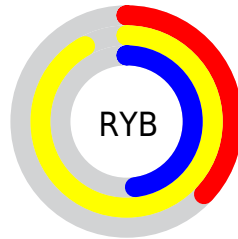
The Yxy color **73.4902, 0.3763, 0.4813** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **18.1411, 0.2148, 0.1441**, and the grayscale version is **65.2035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9499, 0.3750, 0.4320**, and **38.8516, 0.3843, 0.5145** is the 20% darker color. If you saturate the color by 10%, you get **72.4712, 0.3820, 0.5008**, and if you desaturate by 10%, it is **74.6641, 0.3683, 0.4583**.

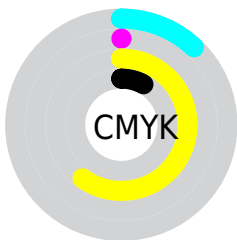
Distribution



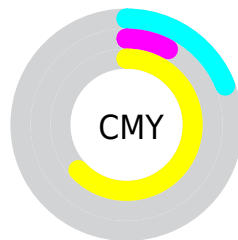
- Red (81%)
- Green (92%)
- Blue (37%)



- Red (37%)
- Yellow (92%)
- Blue (48%)



- Cyan (12%)
- Magenta (0%)
- Yellow (60%)
- Black (8%)





- Cyan (19%)
- Magenta (8%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4902, 0.3763, 0.4813 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 73.4902, 0.3763, 0.4813 by changing the saturation by 10% instead.


 73.4902, 0.3763,
0.4813


 73.4902, 0.3763,
0.4813

472.7120, 0.3517,
0.4104


 54.3769, 0.3802,
0.4968


 124.1729, 0.3691,
0.4571


 38.9031, 0.3839,
0.5152

 156.5110, 0.3659,
0.4475

 26.6843, 0.3869,
0.5372


 194.0262, 0.3629,
0.4392

 17.3363, 0.3878,
0.5635

 237.1029, 0.3603,
0.4320

 10.4745, 0.3877,
0.5999

286.1254, 0.3578,
0.4256

 5.7147, 0.3705,
0.6295


341.4782, 0.3556,


 2.6724, 0.3354,

0.4199

0.6646

403.5456, 0.3536,
0.4149

 0.9632, 0.1854,
0.8146


 0.0000, 0.0000,
0.0000


 73.4902, 0.3763,
0.4813


 73.4902, 0.3763,
0.4813


 72.4712, 0.3820,
0.5008


 74.6641, 0.3683,
0.4583


 71.5850, 0.3852,
0.5161


 75.9937, 0.3586,
0.4331

 70.8203, 0.3857,
0.5267


 77.4919, 0.3477,
0.4066


 70.1527, 0.3841,
0.5333

 79.1676, 0.3362,
0.3799

 81.0289, 0.3244,
0.3539

 83.0834, 0.3127,
0.3290

 85.1108, 0.3036,
0.3091

 85.9373, 0.3066,
0.3093

 86.7849, 0.3097,
0.3095

Harmonies

Analogous

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



73.4902, 0.4427, 0.4442



73.4902, 0.3763, 0.4813



73.4902, 0.2974, 0.4671

Triad

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



73.4902, 0.3763, 0.4813



73.4902, 0.1712, 0.2394



73.4902, 0.3962, 0.2715

Complementary

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



73.4902, 0.3763, 0.4813



18.1411, 0.2148, 0.1441

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.



73.4902, 0.3103, 0.2293



73.4902, 0.3763, 0.4813



73.4902, 0.1891, 0.2087

Square

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



73.4902, 0.3763, 0.4813



73.4902, 0.1831, 0.3038



73.4902, 0.2362, 0.2069



73.4902, 0.4609, 0.3265

Rectangle

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



73.4902, 0.3763, 0.4813



73.4902, 0.2481, 0.4227



73.4902, 0.2362, 0.2069



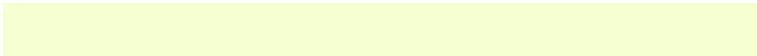
73.4902, 0.3681, 0.2556

Sweetspot

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



73.4935, 0.3763, 0.4813



95.6993, 0.3339, 0.3748



31.8673, 0.4812, 0.3568



20.3499, 0.3373, 0.3826



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.



73.4935, 0.3763, 0.4813



86.9651, 0.3830, 0.5048



65.6887, 0.3279, 0.5090



17.4670, 0.3237, 0.3525



39.0944, 0.3846, 0.5328



3.1083, 0.3897, 0.5288

Inverse Universe

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



18.1411, 0.2148, 0.1441



14.9584, 0.1926, 0.1087



24.9952, 0.2750, 0.1705



14.6930, 0.3011, 0.3049



3.7129, 0.1598, 0.0654



0.3309, 0.1723, 0.0723

Previews

White Background



This preview shows how the Yxy color 73.4902, 0.3763, 0.4813 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 73.4902, 0.3763, 0.4813 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 73.4902, 0.3763, 0.4813

Background



This preview shows how black text looks on a background with the Yxy color 73.4902, 0.3763, 0.4813.



This preview shows how white text looks on a background with the Yxy color 73.4902, 0.3763, 0.4813.

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

73.4902, 0.3763, 0.4813

Protanopia

73.2877, 0.4157, 0.4575

Deuteranopia

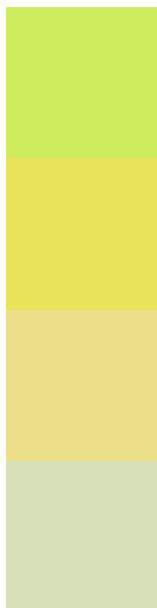
73.0521, 0.3797, 0.3826



Tritanopia

73.0474, 0.3031, 0.3099

Trichromacy



Original Color

73.4902, 0.3763, 0.4813

Protanomaly

72.8493, 0.4011, 0.4666

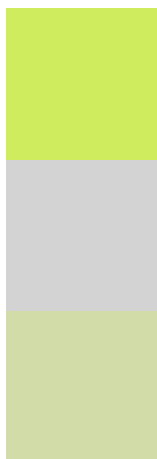
Deuteranomaly

72.8166, 0.3808, 0.4182

Tritanomaly

72.1473, 0.3328, 0.3728

Monochromacy



Original Color

73.4902, 0.3763, 0.4813

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

67.7152, 0.3406, 0.3893

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4902, 0.3763, 0.4813 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(207, 235, 94)` looks like.

```
.text, #text, p{  
    color:rgb(207, 235, 94)  
}
```

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(207, 235, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 235, 94) }
```

Border

The CSS property to change the border of an element to Yxy 73.4902, 0.3763, 0.4813 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(207, 235, 94) }
```

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

```
.border{ border-color:rgb(207, 235, 94) }
```

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

Here you see how a box with a 4 pixel rgb(207, 235, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 235, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 235, 94);  
box-shadow:4px 4px 4px 4px rgb(207, 235,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4902, 0.3763, 0.4813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 235, 94) }
```

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

```
.background{ background-color: rgb(207,  
235, 94) }
```

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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