

Converting Colors

$Yxy(73.5665, 0.3742, 0.4393)$

Have a look what the booklet for
Yxy(73.5665, 0.3742, 0.4393)
contains.

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Color

Yxy(73.4444, 0.3743, 0.4387)

Conversions

Conversions Part 1

Format	Color
Hex	E0E580
RGB	224, 229, 128
RGB Percent	88%, 90%, 50%
CMY	0.1215, 0.1020, 0.4979
CMYK	0.02, 0.00, 0.44, 0.10
HSL	63°, 66%, 70%
HSV	63°, 44%, 90%
XYZ	62.6630, 73.4444, 31.3064
YIQ	215.9910, 29.4410, -32.4710

Conversions

Conversions Part 2

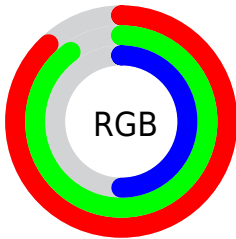
Format	Color
RYB	128, 229, 133
Decimal	14738816
CIELab	88.66, -15.95, 48.44
CIELCh	89, 51.000, 108.220
Yxy	73.4444, 0.3743, 0.4387
Android (android.graphics.Color)	4292928896 (0xFFE0E580)
YUV	215.9910, -43.3796, 7.0239
Hunter-Lab	85.6997, -19.4567, 38.3310

Details

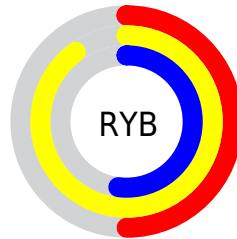
The Yxy color **73.4444, 0.3743, 0.4387** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.0916, 0.2334, 0.1931**, and the grayscale version is **68.9549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **39.0094, 0.3852, 0.4641** is the 20% darker color. If you saturate the color by 10%, you get **72.7313, 0.3861, 0.4605**, and if you desaturate by 10%, it is **74.3015, 0.3611, 0.4147**.

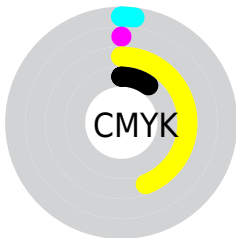
Distribution



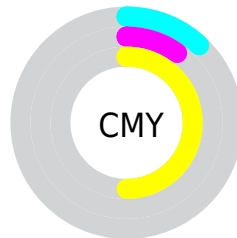
- Red (88%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (44%)
- Black (10%)





- Cyan (12%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4444, 0.3743, 0.4387 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 73.4444, 0.3743, 0.4387 by changing the saturation by 10% instead.


 73.4444, 0.3743,
0.4387

 73.4444, 0.3743,
0.4387


472.5536, 0.3479,
0.3877

 54.3394, 0.3796,
0.4501


 124.1079, 0.3657,
0.4212

 38.8731, 0.3856,
0.4638


 156.4352, 0.3622,
0.4143

 26.6610, 0.3923,
0.4807


 193.9387, 0.3591,
0.4083

 17.3188, 0.3996,
0.5017

237.0029, 0.3563,
0.4031

 10.4620, 0.4064,
0.5276

286.0120, 0.3539,
0.3986

 5.7064, 0.4202,
0.5730


341.3506, 0.3517,

 2.6674, 0.4039,

0.3945


0.5961


403.4030, 0.3497,
0.3909


 0.9606, 0.3520,
0.6480


 0.0000, 0.0000,
0.0000

 73.4444, 0.3743,
0.4387


 73.4444, 0.3743,
0.4387


 72.7313, 0.3861,
0.4605


 74.3015, 0.3611,
0.4147


 72.1428, 0.3959,
0.4792


 75.3009, 0.3470,
0.3894


 71.6720, 0.4033,
0.4938

 76.4537, 0.3326,
0.3640


 71.3066, 0.4080,
0.5041

 77.7671, 0.3184,
0.3389


 71.0320, 0.4102,
0.5101


 79.2479, 0.3047,
0.3150

 70.8987, 0.4106,
0.5121

 80.2119, 0.2978,
0.3026

 80.4001, 0.2986,
0.3026

 80.5895, 0.2993,
0.3027

 80.7800, 0.3000,
0.3028

Harmonies

Analogous

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



73.4444, 0.4189, 0.4115



73.4444, 0.3743, 0.4387



73.4444, 0.3156, 0.4325

Triad

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



73.4444, 0.3743, 0.4387



73.4444, 0.2040, 0.2714



73.4444, 0.3627, 0.2785

Complementary

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



73.4444, 0.3743, 0.4387



26.0916, 0.2334, 0.1931

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.



73.4444, 0.3000, 0.2476



73.4444, 0.3743, 0.4387



73.4444, 0.2134, 0.2409

Square

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



73.4444, 0.3743, 0.4387



73.4444, 0.2195, 0.3247



73.4444, 0.2466, 0.2338



73.4444, 0.4143, 0.3210

Rectangle

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



73.4444, 0.3743, 0.4387



73.4444, 0.2767, 0.4061



73.4444, 0.2466, 0.2338



73.4444, 0.3419, 0.2666

Sweetspot

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



73.4477, 0.3743, 0.4387



97.7374, 0.3312, 0.3614



34.5572, 0.4280, 0.3332



20.8452, 0.3344, 0.3670



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.



73.4477, 0.3743, 0.4387



92.8912, 0.3852, 0.4589



66.7282, 0.3375, 0.4538



16.7791, 0.3260, 0.3523



40.5532, 0.4108, 0.5120



3.0079, 0.4121, 0.5110

Inverse Universe

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



26.0916, 0.2334, 0.1931



25.0914, 0.2140, 0.1606



31.0349, 0.2740, 0.2067



13.9209, 0.2988, 0.3047



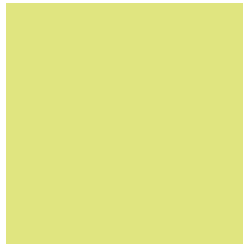
3.2912, 0.1516, 0.0609



0.2552, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 73.4444, 0.3743, 0.4387 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 73.4444, 0.3743, 0.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

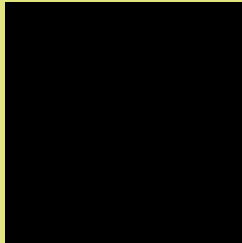
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4444, 0.3743, 0.4387

Background



This preview shows how black text looks on a background with the Yxy color 73.4444, 0.3743, 0.4387.



This preview shows how white text looks on a background with the Yxy color 73.4444, 0.3743, 0.4387.

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

73.4444, 0.3743, 0.4387

Protanopia

72.9820, 0.3942, 0.4281

Deuteranopia

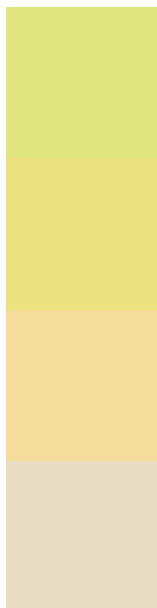
73.2363, 0.3760, 0.3775



Tritanopia

73.3991, 0.3150, 0.3113

Trichromacy



Original Color

73.4444, 0.3743, 0.4387

Protanomaly

73.3873, 0.3867, 0.4321

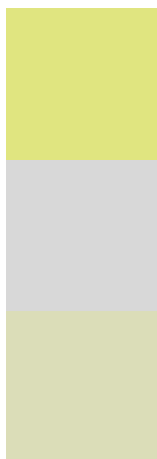
Deuteranomaly

73.2791, 0.3763, 0.3997

Tritanomaly

72.8088, 0.3384, 0.3572

Monochromacy



Original Color

73.4444, 0.3743, 0.4387

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.2337, 0.3363, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4444, 0.3743, 0.4387 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(224, 229, 128)` looks like.

```
.text, #text, p{  
    color:rgb(224, 229, 128)  
}
```

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(224, 229, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 229, 128) }
```

Border

The CSS property to change the border of an element to Yxy 73.4444, 0.3743, 0.4387 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(224, 229, 128) }
```

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

```
.border{ border-color:rgb(224, 229, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 229, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 229, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 229, 128); box-shadow:4px 4px 4px 4px rgb(224, 229, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4444, 0.3743, 0.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 229, 128) }
```

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

```
.background{ background-color: rgb(224,  
229, 128) }
```

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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