

Converting Colors

$Yxy(73.4491, 0.3492, 0.4286)$

Have a look what the booklet for
Yxy(73.4491, 0.3492, 0.4286)
contains.

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Color

Yxy(73.4750, 0.3486, 0.4285)

Conversions

Conversions Part 1

Format	Color
Hex	CEE992
RGB	206, 233, 146
RGB Percent	81%, 91%, 57%
CMY	0.1923, 0.0862, 0.4275
CMYK	0.12, 0.00, 0.37, 0.09
HSL	79°, 66%, 74%
HSV	79°, 37%, 91%
XYZ	59.7745, 73.4750, 38.2207
YIQ	215.0090, 11.8350, -32.7810

Conversions

Conversions Part 2

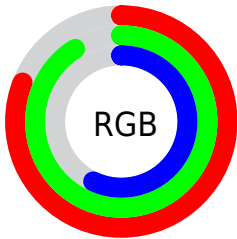
Format	Color
RYB	146, 233, 173
Decimal	13560210
CIELab	88.67, -22.80, 39.39
CIELCh	89, 45.511, 120.064
Yxy	73.4750, 0.3486, 0.4285
Android (android.graphics.Color)	4291750290 (0xFFCEE992)
YUV	215.0090, -34.0214, -7.9009
Hunter-Lab	85.7176, -25.5300, 33.5654

Details

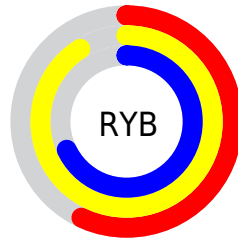
The Yxy color **73.4750, 0.3486, 0.4285** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **35.3263, 0.2652, 0.2218**, and the grayscale version is **68.1885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **38.7365, 0.3545, 0.4529** is the 20% darker color. If you saturate the color by 10%, you get **71.8132, 0.3566, 0.4559**, and if you desaturate by 10%, it is **75.3389, 0.3395, 0.4007**.

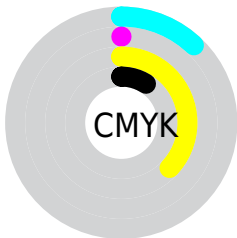
Distribution



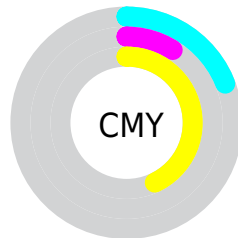
- Red (81%)
- Green (91%)
- Blue (57%)



- Red (57%)
- Yellow (91%)
- Blue (68%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)





- Cyan (19%)
- Magenta (9%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4750, 0.3486, 0.4285 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 73.4750, 0.3486, 0.4285 by changing the saturation by 10% instead.


 73.4750, 0.3486,
0.4285

 73.4750, 0.3486,
0.4285

472.6594, 0.3335,
0.3811

 54.3645, 0.3515,
0.4395


 124.1513, 0.3437,
0.4119

 38.8931, 0.3549,
0.4531


 156.4858, 0.3417,
0.4055

 26.6766, 0.3585,
0.4703


193.9972, 0.3400,
0.4000

 17.3305, 0.3624,
0.4925

237.0697, 0.3384,
0.3952

 10.4704, 0.3657,
0.5221

286.0878, 0.3370,
0.3910

 5.7119, 0.3671,
0.5636


341.4358, 0.3357,

 2.6707, 0.3665,

0.3873

0.6335


403.4983, 0.3346,
0.3841


 0.9623, 0.2701,
0.7299


 0.0000, 0.0000,
0.0000


 73.4750, 0.3486,
0.4285


 73.4750, 0.3486,
0.4285


 71.8132, 0.3566,
0.4559

 75.3389, 0.3395,
0.4007


 70.3339, 0.3631,
0.4816


 77.4039, 0.3298,
0.3733


 69.0298, 0.3674,
0.5045


 79.6816, 0.3199,
0.3472

 67.8889, 0.3694,
0.5233


 82.1797, 0.3102,
0.3227

 66.8971, 0.3687,
0.5374

 84.4133, 0.3052,
0.3072

 66.0360, 0.3657,
0.5466

 85.7212, 0.3100,
0.3075

 65.8220, 0.3647,
0.5486

 86.7652, 0.3137,
0.3078

Harmonies

Analogous

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



73.4750, 0.3950, 0.4157



73.4750, 0.3486, 0.4285



73.4750, 0.2949, 0.4082

Triad

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



73.4750, 0.3486, 0.4285



73.4750, 0.2151, 0.2643



73.4750, 0.3779, 0.2980

Complementary

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



73.4750, 0.3486, 0.4285



35.3263, 0.2652, 0.2218

Split Complementary

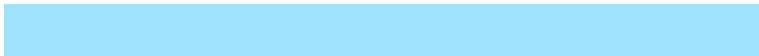
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4750, 0.3237, 0.2648



73.4750, 0.3486, 0.4285



73.4750, 0.2325, 0.2446

Square

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



73.4750, 0.3486, 0.4285



73.4750, 0.2204, 0.3050



73.4750, 0.2707, 0.2457



73.4750, 0.4145, 0.3392

Rectangle

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



73.4750, 0.3486, 0.4285



73.4750, 0.2623, 0.3778



73.4750, 0.2707, 0.2457



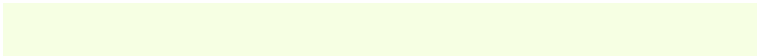
73.4750, 0.3608, 0.2857

Sweetspot

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



73.4783, 0.3486, 0.4285



96.7076, 0.3236, 0.3567



48.9429, 0.3929, 0.3590



20.6174, 0.3249, 0.3603



0.0000, 0.0000, 0.0000



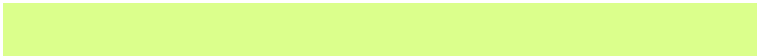
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4783, 0.3486, 0.4285



88.5345, 0.3550, 0.4501



68.1885, 0.3185, 0.4387



17.3786, 0.3220, 0.3526



37.4126, 0.3656, 0.5479



2.9883, 0.3732, 0.5419

Inverse Universe

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



35.3263, 0.2652, 0.2218



35.2684, 0.2524, 0.1963



40.9780, 0.3016, 0.2323



14.7759, 0.3028, 0.3050



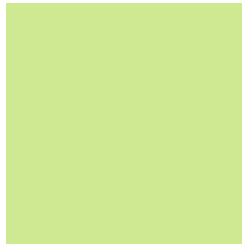
4.1864, 0.1717, 0.0719



0.3780, 0.1865, 0.0801

Previews

White Background



This preview shows how the Yxy color 73.4750, 0.3486, 0.4285 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 73.4750, 0.3486, 0.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

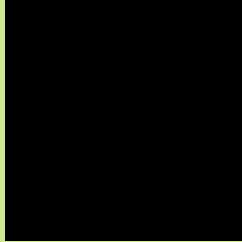
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4750, 0.3486, 0.4285

Background



This preview shows how black text looks on a background with the Yxy color 73.4750, 0.3486, 0.4285.



This preview shows how white text looks on a background with the Yxy color 73.4750, 0.3486, 0.4285.

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

73.4750, 0.3486, 0.4285

Protanopia

73.0728, 0.3824, 0.4132

Deuteranopia

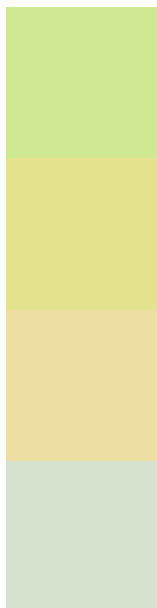
72.8780, 0.3734, 0.3724



Tritanopia

73.3800, 0.2991, 0.3108

Trichromacy



Original Color

73.4750, 0.3486, 0.4285

Protanomaly

73.0339, 0.3701, 0.4193

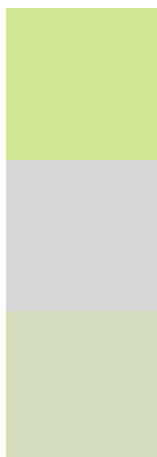
Deuteranomaly

72.8914, 0.3643, 0.3925

Tritanomaly

73.0966, 0.3179, 0.3524

Monochromacy



Original Color

73.4750, 0.3486, 0.4285

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.9573, 0.3268, 0.3654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4750, 0.3486, 0.4285 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(206, 233, 146)` looks like.

```
.text, #text, p{  
    color:rgb(206, 233, 146)  
}
```

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(206, 233, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 233, 146) }
```

Border

The CSS property to change the border of an element to Yxy 73.4750, 0.3486, 0.4285 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(206, 233, 146) }
```

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

```
.border{ border-color:rgb(206, 233, 146) }
```

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

Here you see how a box with a 4 pixel rgb(206, 233, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 233, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 233, 146);  
box-shadow:4px 4px 4px 4px rgb(206, 233,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4750, 0.3486, 0.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 233, 146) }
```

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

```
.background{ background-color: rgb(206,  
233, 146) }
```

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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