

Converting Colors

$Yxy(73.5287, 0.3424, 0.3962)$

Have a look what the booklet for
Yxy(73.5287, 0.3424, 0.3962)
contains.

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Color

Yxy(73.5021, 0.3425, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	D8E5A9
RGB	216, 229, 169
RGB Percent	85%, 90%, 66%
CMY	0.1531, 0.1019, 0.3372
CMYK	0.06, 0.00, 0.26, 0.10
HSL	73°, 54%, 78%
HSV	73°, 26%, 90%
XYZ	63.4917, 73.5021, 48.3835
YIQ	218.2730, 11.5120, -21.4160

Conversions

Conversions Part 2

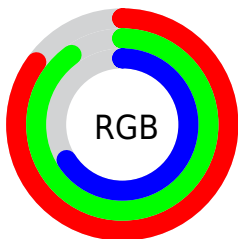
Format	Color
RYB	169, 229, 182
Decimal	14214569
CIELab	88.69, -14.15, 27.88
CIELCh	89, 31.262, 116.919
Yxy	73.5021, 0.3425, 0.3965
Android (android.graphics.Color)	4292404649 (0xFFD8E5A9)
YUV	218.2730, -24.2916, -1.9934
Hunter-Lab	85.7334, -17.8413, 26.5531

Details

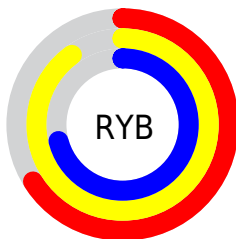
The Yxy color **73.5021, 0.3425, 0.3965** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9933, 0.2774, 0.2561**, and the grayscale version is **70.4726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **39.1101, 0.3493, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **71.9717, 0.3534, 0.4233**, and if you desaturate by 10%, it is **75.2127, 0.3311, 0.3699**.

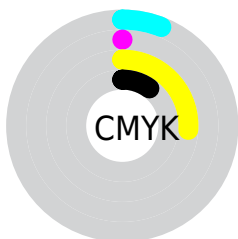
Distribution



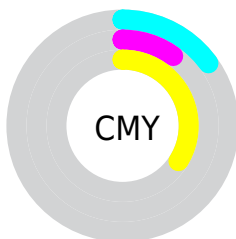
- Red (85%)
- Green (90%)
- Blue (66%)



- Red (66%)
- Yellow (90%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (10%)





- Cyan (15%)
- Magenta (10%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5021, 0.3425, 0.3965 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 73.5021, 0.3425, 0.3965 by changing the saturation by 10% instead.


 73.5021, 0.3425,
0.3965

 73.5021, 0.3425,
0.3965

472.7532, 0.3293,
0.3646

 54.3866, 0.3453,
0.4039

 124.1897, 0.3381,
0.3853

 38.9108, 0.3487,
0.4131

156.5307, 0.3363,
0.3810

 26.6904, 0.3528,
0.4248


194.0489, 0.3348,
0.3773

 17.3408, 0.3577,
0.4401

237.1289, 0.3334,
0.3741

 10.4778, 0.3638,
0.4609

286.1548, 0.3322,
0.3713

 5.7169, 0.3708,
0.4904


341.5113, 0.3311,

 2.6737, 0.3878,


0.3688


0.5498


403.5826, 0.3302,
0.3666


 0.9639, 0.3710,
0.6290


 0.0000, 0.0000,
0.0000


 73.5021, 0.3425,
0.3965

 73.5021, 0.3425,
0.3965

 71.9717, 0.3534,
0.4233

 75.2127, 0.3311,
0.3699


 70.6036, 0.3632,
0.4494


 77.1012, 0.3197,
0.3442


 69.3924, 0.3716,
0.4737


 79.1779, 0.3085,
0.3200


 68.3284, 0.3779,
0.4951

 81.0819, 0.3012,
0.3029

 67.4005, 0.3817,
0.5125

 81.9464, 0.3045,
0.3031

 66.5962, 0.3829,
0.5253

 82.8348, 0.3078,
0.3034

 65.8995, 0.3817,
0.5335

 83.7474, 0.3111,
0.3037

 65.6529, 0.3808,
0.5358

 84.5274, 0.3139,
0.3039

Harmonies

Analogous

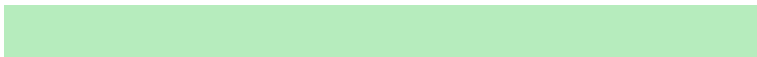
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5021, 0.3730, 0.3880



73.5021, 0.3425, 0.3965



73.5021, 0.3052, 0.3842

Triad

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



73.5021, 0.3425, 0.3965



73.5021, 0.2432, 0.2872



73.5021, 0.3540, 0.3048

Complementary

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



73.5021, 0.3425, 0.3965



43.9933, 0.2774, 0.2561

Split Complementary

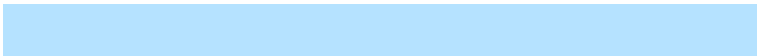
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5021, 0.3168, 0.2814



73.5021, 0.3425, 0.3965



73.5021, 0.2542, 0.2705

Square

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



73.5021, 0.3425, 0.3965



73.5021, 0.2492, 0.3174



73.5021, 0.2805, 0.2690



73.5021, 0.3805, 0.3345

Rectangle

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



73.5021, 0.3425, 0.3965



73.5021, 0.2817, 0.3654



73.5021, 0.2805, 0.2690



73.5021, 0.3423, 0.2960

Sweetspot

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



73.5054, 0.3425, 0.3965



97.9229, 0.3218, 0.3489



52.9879, 0.3650, 0.3441



20.8796, 0.3235, 0.3527



0.0000, 0.0000, 0.0000



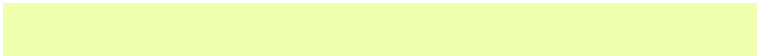
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5054, 0.3425, 0.3965



92.7950, 0.3480, 0.4099



69.3535, 0.3208, 0.4013



16.6507, 0.3234, 0.3525



37.5860, 0.3814, 0.5354



2.8168, 0.3872, 0.5307

Inverse Universe

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



43.9933, 0.2774, 0.2561



49.6084, 0.2693, 0.2403



48.0390, 0.3016, 0.2611



14.0376, 0.3014, 0.3049



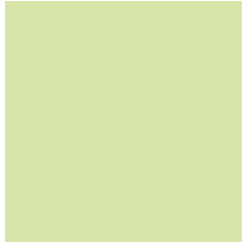
3.6627, 0.1615, 0.0664



0.3108, 0.1754, 0.0740

Previews

White Background



This preview shows how the Yxy color 73.5021, 0.3425, 0.3965 looks on a white background.

Color Contrast Check

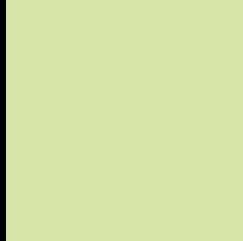
Large Text (above 18pt) WCAG AA × Fail

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 73.5021, 0.3425, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

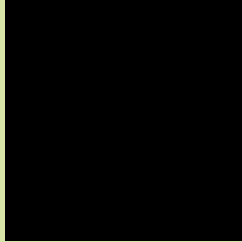
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

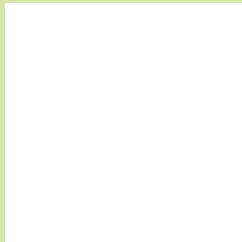
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5021, 0.3425, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 73.5021, 0.3425, 0.3965.



This preview shows how white text looks on a background with the Yxy color 73.5021, 0.3425, 0.3965.

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

73.5021, 0.3425, 0.3965

Protanopia

73.1729, 0.3630, 0.3891

Deuteranopia

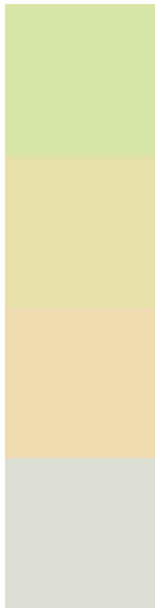
73.1971, 0.3675, 0.3641



Tritanopia

73.3084, 0.3052, 0.3110

Trichromacy



Original Color

73.5021, 0.3425, 0.3965

Protanomaly

73.4634, 0.3554, 0.3924

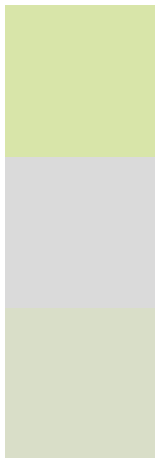
Deuteranomaly

73.0615, 0.3582, 0.3749

Tritanomaly

73.0584, 0.3193, 0.3410

Monochromacy



Original Color

73.5021, 0.3425, 0.3965

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1644, 0.3238, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5021, 0.3425, 0.3965 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(216, 229, 169)` looks like.

```
.text, #text, p{  
    color:rgb(216, 229, 169)  
}
```

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(216, 229, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 229, 169) }
```

Border

The CSS property to change the border of an element to Yxy 73.5021, 0.3425, 0.3965 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(216, 229, 169) }
```

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

```
.border{ border-color:rgb(216, 229, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 229, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 229, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 229, 169); box-shadow:4px 4px 4px 4px rgb(216, 229, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5021, 0.3425, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 229, 169) }
```

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

```
.background{ background-color: rgb(216,  
229, 169) }
```

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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