

Converting Colors

$Y_{xy}(73.6259, 0.3627, 0.4275)$

Have a look what the booklet for
Yxy(73.6259, 0.3627, 0.4275)
contains.

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Color

Yxy(73.7324, 0.3630, 0.4275)

Conversions

Conversions Part 1

Format	Color
Hex	DCE68D
RGB	220, 230, 141
RGB Percent	86%, 90%, 55%
CMY	0.1375, 0.0980, 0.4470
CMYK	0.04, 0.00, 0.39, 0.10
HSL	67°, 64%, 73%
HSV	67°, 39%, 90%
XYZ	62.6079, 73.7324, 36.1332
YIQ	216.8640, 22.6090, -29.7990

Conversions

Conversions Part 2

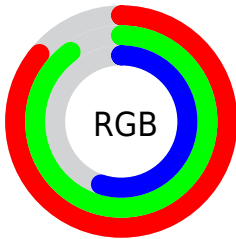
Format	Color
RYB	141, 230, 151
Decimal	14476941
CIELab	88.80, -16.66, 42.22
CIELCh	89, 45.385, 111.538
Yxy	73.7324, 0.3630, 0.4275
Android (android.graphics.Color)	4292667021 (0xFFDCE68D)
YUV	216.8640, -37.4010, 2.7503
Hunter-Lab	85.8676, -20.1201, 35.1580

Details

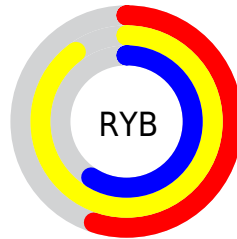
The Yxy color **73.7324, 0.3630, 0.4275** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **31.3535, 0.2490, 0.2134**, and the grayscale version is **69.5364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **39.2737, 0.3727, 0.4512** is the 20% darker color. If you saturate the color by 10%, you get **72.7176, 0.3745, 0.4516**, and if you desaturate by 10%, it is **74.9024, 0.3504, 0.4020**.

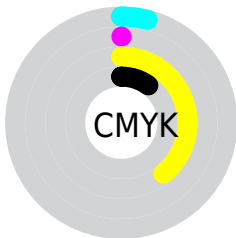
Distribution



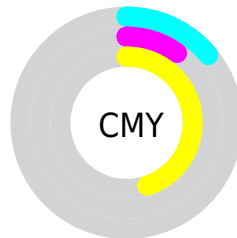
- Red (86%)
- Green (90%)
- Blue (55%)



- Red (55%)
- Yellow (90%)
- Blue (59%)



- Cyan (4%)
- Magenta (0%)
- Yellow (39%)
- Black (10%)




- Cyan (14%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7324, 0.3630, 0.4275 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 73.7324, 0.3630, 0.4275 by changing the saturation by 10% instead.


 73.7324, 0.3630,
0.4275


 73.7324, 0.3630,
0.4275

473.5493, 0.3413,
0.3813

 54.5750, 0.3674,
0.4380


 124.5164, 0.3559,
0.4115

 39.0616, 0.3725,
0.4508

 156.9118, 0.3530,
0.4052

 26.8076, 0.3784,
0.4669


194.4887, 0.3504,
0.3998

 17.4288, 0.3851,
0.4872

237.6315, 0.3482,
0.3952

 10.5407, 0.3919,
0.5135

286.7246, 0.3461,
0.3911

 5.7589, 0.3994,
0.5509


342.1523, 0.3443,

 2.6990, 0.4003,

0.3874

0.5997


404.2991, 0.3427,
0.3842


 0.9767, 0.3469,
0.6531


 0.0000, 0.0000,
0.0000


 73.7324, 0.3630,
0.4275


 73.7324, 0.3630,
0.4275


 72.7176, 0.3745,
0.4516


 74.9024, 0.3504,
0.4020


 71.8391, 0.3842,
0.4733


 76.2257, 0.3373,
0.3760

 71.0903, 0.3918,
0.4916

 77.7132, 0.3240,
0.3504

 70.4600, 0.3968,
0.5056


 79.3719, 0.3111,
0.3259


 69.9349, 0.3993,
0.5152


 81.1427, 0.2993,
0.3037

 69.4951, 0.3993,
0.5206

 81.5840, 0.3010,
0.3039

 69.4406, 0.3993,
0.5212

 82.0319, 0.3027,
0.3040

 82.4862, 0.3044,
0.3041

 82.9471, 0.3061,
0.3043

Harmonies

Analogous

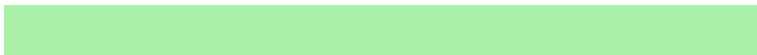
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7324, 0.4045, 0.4073



73.7324, 0.3630, 0.4275



73.7324, 0.3101, 0.4171

Triad

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



73.7324, 0.3630, 0.4275



73.7324, 0.2146, 0.2740



73.7324, 0.3632, 0.2876

Complementary

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



73.7324, 0.3630, 0.4275



31.3535, 0.2490, 0.2134

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.



73.7324, 0.3078, 0.2580



73.7324, 0.3630, 0.4275



73.7324, 0.2257, 0.2483

Square

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



73.7324, 0.3630, 0.4275



73.7324, 0.2265, 0.3198



73.7324, 0.2582, 0.2437



73.7324, 0.4065, 0.3271

Rectangle

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



73.7324, 0.3630, 0.4275



73.7324, 0.2757, 0.3917



73.7324, 0.2582, 0.2437



73.7324, 0.3451, 0.2763

Sweetspot

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



73.7357, 0.3630, 0.4275



97.5326, 0.3285, 0.3590



40.5333, 0.4050, 0.3396



20.8226, 0.3302, 0.3623



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.



73.7357, 0.3630, 0.4275



92.1746, 0.3718, 0.4459



67.8302, 0.3309, 0.4388



16.7300, 0.3250, 0.3523



39.3393, 0.3996, 0.5209



2.9307, 0.4027, 0.5185

Inverse Universe

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



31.3535, 0.2490, 0.2134



31.8881, 0.2339, 0.1871



36.2907, 0.2851, 0.2241



13.9649, 0.2998, 0.3048



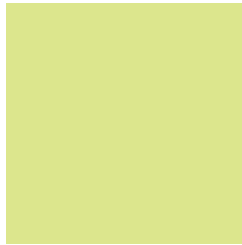
3.3853, 0.1541, 0.0623



0.2763, 0.1635, 0.0674

Previews

White Background



This preview shows how the Yxy color 73.7324, 0.3630, 0.4275 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 73.7324, 0.3630, 0.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

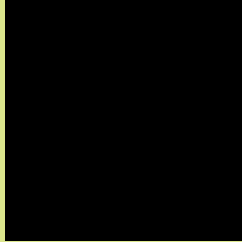
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7324, 0.3630, 0.4275

Background



This preview shows how black text looks on a background with the Yxy color 73.7324, 0.3630, 0.4275.



This preview shows how white text looks on a background with the Yxy color 73.7324, 0.3630, 0.4275.

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

73.7324, 0.3630, 0.4275

Protanopia

73.6650, 0.3854, 0.4179

Deuteranopia

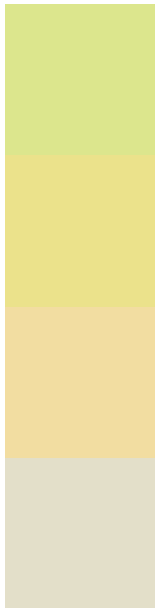
73.3889, 0.3731, 0.3734



Tritanopia

73.7081, 0.3100, 0.3112

Trichromacy



Original Color

73.7324, 0.3630, 0.4275

Protanomaly

73.9190, 0.3773, 0.4218

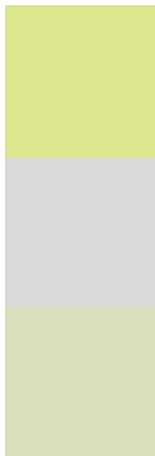
Deuteranomaly

73.1634, 0.3699, 0.3928

Tritanomaly

73.3233, 0.3303, 0.3530

Monochromacy



Original Color

73.7324, 0.3630, 0.4275

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.8221, 0.3319, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7324, 0.3630, 0.4275 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(220, 230, 141)` looks like.

```
.text, #text, p{  
    color:rgb(220, 230, 141)  
}
```

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(220, 230, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 230, 141) }
```

Border

The CSS property to change the border of an element to Yxy 73.7324, 0.3630, 0.4275 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(220, 230, 141) }
```

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

```
.border{ border-color:rgb(220, 230, 141) }
```

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

Here you see how a box with a 4 pixel rgb(220, 230, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 230, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 230, 141);  
box-shadow:4px 4px 4px 4px rgb(220, 230,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7324, 0.3630, 0.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 230, 141) }
```

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

```
.background{ background-color: rgb(220,  
230, 141) }
```

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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