

Converting Colors

$Yxy(73.1397, 0.3592, 0.4156)$

Have a look what the booklet for
Yxy(73.1397, 0.3592, 0.4156)
contains.

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Color

Yxy(73.0610, 0.3588, 0.4157)

Conversions

Conversions Part 1

Format	Color
Hex	DDE496
RGB	221, 228, 150
RGB Percent	87%, 89%, 59%
CMY	0.1334, 0.1058, 0.4118
CMYK	0.03, 0.00, 0.34, 0.11
HSL	65°, 59%, 74%
HSV	65°, 34%, 89%
XYZ	63.0606, 73.0610, 39.6326
YIQ	217.0150, 20.8660, -25.7420

Conversions

Conversions Part 2

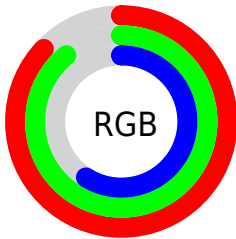
Format	Color
RYB	150, 228, 157
Decimal	14541974
CIELab	88.48, -14.24, 37.33
CIELCh	88, 39.957, 110.879
Yxy	73.0610, 0.3588, 0.4157
Android (android.graphics.Color)	4292732054 (0xFFDDE496)
YUV	217.0150, -33.0384, 3.4948
Hunter-Lab	85.4757, -17.8923, 32.3420

Details

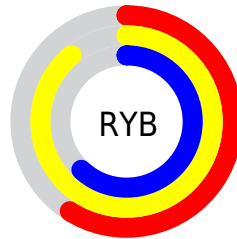
The Yxy color **73.0610, 0.3588, 0.4157** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **34.5882, 0.2564, 0.2284**, and the grayscale version is **69.6180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **38.7683, 0.3681, 0.4368** is the 20% darker color. If you saturate the color by 10%, you get **72.0786, 0.3712, 0.4403**, and if you desaturate by 10%, it is **74.1968, 0.3455, 0.3901**.

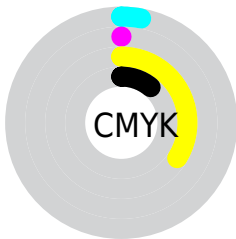
Distribution



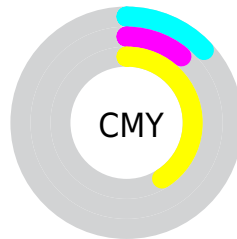
- Red (87%)
- Green (89%)
- Blue (59%)



- Red (59%)
- Yellow (89%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)





- Cyan (13%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0610, 0.3588, 0.4157 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 73.0610, 0.3588, 0.4157 by changing the saturation by 10% instead.


 73.0610, 0.3588,
0.4157

 73.0610, 0.3588,
0.4157


471.2262, 0.3385,
0.3750

 54.0258, 0.3630,
0.4250


 123.5638, 0.3520,
0.4015

 38.6223, 0.3681,
0.4365


 155.8002, 0.3493,
0.3960

 26.4660, 0.3740,
0.4509

193.2059, 0.3470,
0.3913

 17.1726, 0.3810,
0.4693

236.1652, 0.3449,
0.3872

 10.3576, 0.3889,
0.4936

285.0624, 0.3430,
0.3835

 5.6367, 0.3969,
0.5263

340.2821, 0.3414,

 2.6255, 0.4127,

0.3803

0.5873

402.2085, 0.3399,
0.3775

0.9395, 0.3668,
0.6332

0.0000, 0.0000,
0.0000

73.0610, 0.3588,
0.4157

73.0610, 0.3588,
0.4157

72.0786, 0.3712,
0.4403

74.1968, 0.3455,
0.3901

71.2315, 0.3823,
0.4628


75.4839, 0.3318,
0.3644

70.5138, 0.3913,
0.4822


76.9327, 0.3183,
0.3393

69.9150, 0.3979,
0.4977


78.5498, 0.3052,
0.3153

 69.4233, 0.4019,
0.5088


 79.7475, 0.2981,
0.3016


 69.0240, 0.4034,
0.5155

 80.0926, 0.2995,
0.3017

 68.8217, 0.4034,
0.5179

 80.4418, 0.3008,
0.3018

 80.7950, 0.3022,
0.3019

 81.1523, 0.3036,
0.3020

Harmonies

Analogous

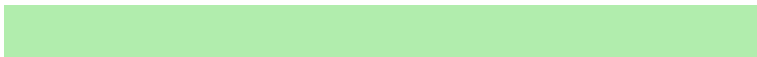
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0610, 0.3949, 0.3984



73.0610, 0.3588, 0.4157



73.0610, 0.3119, 0.4065

Triad

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



73.0610, 0.3588, 0.4157



73.0610, 0.2251, 0.2815



73.0610, 0.3564, 0.2915

Complementary

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



73.0610, 0.3588, 0.4157



34.5882, 0.2564, 0.2284

Split Complementary

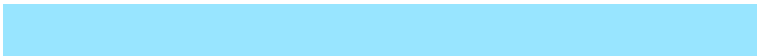
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0610, 0.3076, 0.2650



73.0610, 0.3588, 0.4157



73.0610, 0.2346, 0.2575

Square

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



73.0610, 0.3588, 0.4157



73.0610, 0.2364, 0.3225



73.0610, 0.2636, 0.2526



73.0610, 0.3948, 0.3271

Rectangle

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



73.0610, 0.3588, 0.4157



73.0610, 0.2812, 0.3847



73.0610, 0.2636, 0.2526



73.0610, 0.3405, 0.2814

Sweetspot

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



73.0643, 0.3588, 0.4157



98.0311, 0.3262, 0.3538



42.6445, 0.3908, 0.3368



20.9272, 0.3281, 0.3574



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.



73.0643, 0.3588, 0.4157



93.2500, 0.3677, 0.4332



67.7037, 0.3302, 0.4244



16.7476, 0.3254, 0.3523



39.7618, 0.4036, 0.5177



2.9577, 0.4061, 0.5158

Inverse Universe

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



34.5882, 0.2564, 0.2284



36.6388, 0.2423, 0.2041



39.0856, 0.2880, 0.2368



13.9491, 0.2994, 0.3048



3.3457, 0.1531, 0.0617



0.2687, 0.1609, 0.0660

Previews

White Background



This preview shows how the Yxy color 73.0610, 0.3588, 0.4157 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 73.0610, 0.3588, 0.4157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

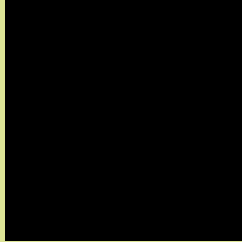
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0610, 0.3588, 0.4157

Background



This preview shows how black text looks on a background with the Yxy color 73.0610, 0.3588, 0.4157.



This preview shows how white text looks on a background with the Yxy color 73.0610, 0.3588, 0.4157.

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

73.0610, 0.3588, 0.4157

Protanopia

73.0499, 0.3783, 0.4084

Deuteranopia

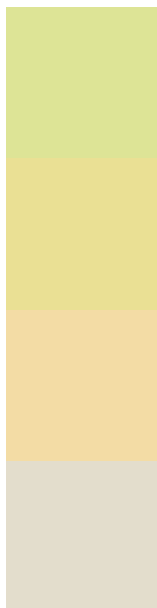
72.8780, 0.3734, 0.3724



Tritanopia

72.6128, 0.3107, 0.3101

Trichromacy



Original Color

73.0610, 0.3588, 0.4157

Protanomaly

72.9419, 0.3715, 0.4110

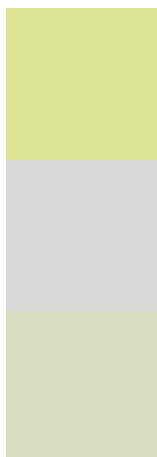
Deuteranomaly

72.9577, 0.3682, 0.3874

Tritanomaly

72.4034, 0.3285, 0.3475

Monochromacy



Original Color

73.0610, 0.3588, 0.4157

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.4686, 0.3293, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0610, 0.3588, 0.4157 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(221, 228, 150)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 150)  
}
```

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(221, 228, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 150) }
```

Border

The CSS property to change the border of an element to Yxy 73.0610, 0.3588, 0.4157 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(221, 228, 150) }
```

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

```
.border{ border-color:rgb(221, 228, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 228, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 228, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 228, 150);  
box-shadow:4px 4px 4px 4px rgb(221, 228,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0610, 0.3588, 0.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 150) }
```

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

```
.background{ background-color: rgb(221,  
228, 150) }
```

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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