

Converting Colors

$Yxy(73.7614, 0.3606, 0.4126)$

Have a look what the booklet for
Yxy(73.7614, 0.3606, 0.4126)
contains.

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Color

Yxy(73.7614, 0.3606, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	E1E498
RGB	225, 228, 152
RGB Percent	88%, 89%, 60%
CMY	0.1176, 0.1059, 0.4039
CMYK	0.01, 0.00, 0.33, 0.11
HSL	62°, 58%, 75%
HSV	62°, 33%, 89%
XYZ	64.4652, 73.7614, 40.5455
YIQ	218.4390, 22.6080, -24.2720

Conversions

Conversions Part 2

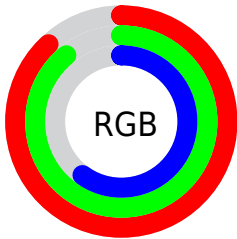
Format	Color
RYB	152, 228, 155
Decimal	14804120
CIELab	88.81, -12.46, 36.82
CIELCh	89, 38.870, 108.698
Yxy	73.7614, 0.3606, 0.4126
Android (android.graphics.Color)	4292994200 (0xFFE1E498)
YUV	218.4390, -32.7544, 5.7540
Hunter-Lab	85.8845, -16.3149, 32.1287

Details

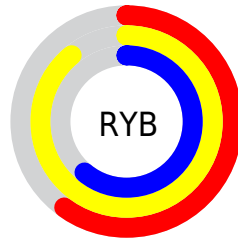
The Yxy color **73.7614, 0.3606, 0.4126** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0266, 0.2551, 0.2306**, and the grayscale version is **70.6520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **39.2423, 0.3705, 0.4326** is the 20% darker color. If you saturate the color by 10%, you get **72.9442, 0.3741, 0.4366**, and if you desaturate by 10%, it is **74.7296, 0.3463, 0.3874**.

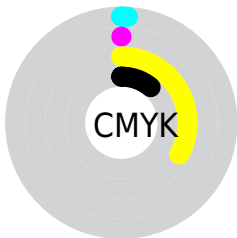
Distribution



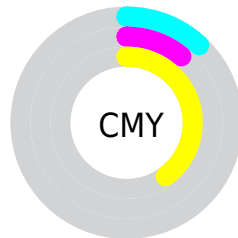
- Red (88%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)





- Cyan (12%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7614, 0.3606, 0.4126 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 73.7614, 0.3606, 0.4126 by changing the saturation by 10% instead.


 73.7614, 0.3606,
0.4126


 73.7614, 0.3606,
0.4126


473.6495, 0.3394,
0.3735

 54.5988, 0.3651,
0.4215


 124.5575, 0.3535,
0.3990

 39.0806, 0.3704,
0.4324


 156.9598, 0.3507,
0.3938

 26.8224, 0.3767,
0.4461


194.5441, 0.3482,
0.3892

 17.4399, 0.3843,
0.4636

237.6948, 0.3460,
0.3852

 10.5486, 0.3930,
0.4865

286.7963, 0.3441,
0.3818

 5.7642, 0.4023,
0.5171

342.2330, 0.3424,

 2.7022, 0.4229,

0.3787

0.5771

404.3892, 0.3408,
0.3760

0.9783, 0.3890,
0.6110

0.0000, 0.0000,
0.0000

73.7614, 0.3606,
0.4126

73.7614, 0.3606,
0.4126

72.9442, 0.3741,
0.4366

74.7296, 0.3463,
0.3874

72.2599, 0.3862,
0.4585


75.8464, 0.3318,
0.3620


71.7025, 0.3963,
0.4772

77.1222, 0.3174,
0.3371

71.2619, 0.4041,
0.4920

78.5637, 0.3036,
0.3132

 70.9263, 0.4092,
0.5024

 79.4479, 0.2970,
0.3015


 70.6814, 0.4118,
0.5085

 79.5962, 0.2976,
0.3015

 70.5534, 0.4124,
0.5108

 79.7453, 0.2982,
0.3016

 79.8951, 0.2987,
0.3016

 80.0458, 0.2993,
0.3017

Harmonies

Analogous

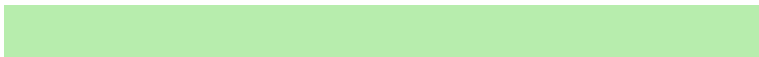
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7614, 0.3943, 0.3946



73.7614, 0.3606, 0.4126



73.7614, 0.3155, 0.4056

Triad

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



73.7614, 0.3606, 0.4126



73.7614, 0.2276, 0.2854



73.7614, 0.3519, 0.2903

Complementary

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



73.7614, 0.3606, 0.4126



35.0266, 0.2551, 0.2306

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.



73.7614, 0.3044, 0.2654



73.7614, 0.3606, 0.4126



73.7614, 0.2354, 0.2606

Square

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



73.7614, 0.3606, 0.4126



73.7614, 0.2402, 0.3261



73.7614, 0.2624, 0.2544



73.7614, 0.3902, 0.3246

Rectangle

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



73.7614, 0.3606, 0.4126



73.7614, 0.2853, 0.3857



73.7614, 0.2624, 0.2544



73.7614, 0.3362, 0.2807

Sweetspot

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



73.7647, 0.3606, 0.4126



98.2754, 0.3270, 0.3538



42.0499, 0.3895, 0.3322



20.9868, 0.3291, 0.3573



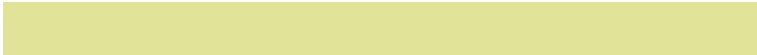
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



73.7647, 0.3606, 0.4126



94.3269, 0.3700, 0.4294



68.3791, 0.3325, 0.4209



16.7868, 0.3261, 0.3523



40.7520, 0.4125, 0.5107



3.0205, 0.4136, 0.5098

Inverse Universe

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



35.0266, 0.2551, 0.2306



37.1718, 0.2408, 0.2065



39.3354, 0.2856, 0.2385



13.9141, 0.2986, 0.3047



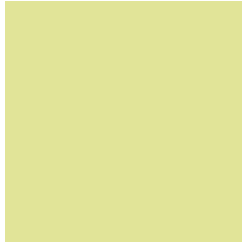
3.2798, 0.1513, 0.0607



0.2520, 0.1548, 0.0626

Previews

White Background



This preview shows how the Yxy color 73.7614, 0.3606, 0.4126 looks on a white background.

Color Contrast Check

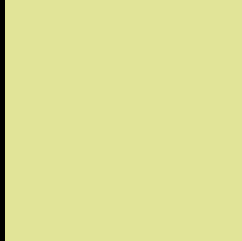
Large Text (above 18pt) WCAG AA × Fail

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 73.7614, 0.3606, 0.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

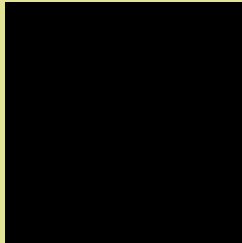
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

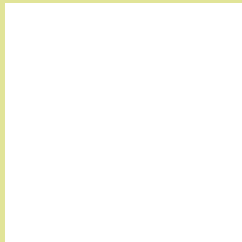
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7614, 0.3606, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 73.7614, 0.3606, 0.4126.



This preview shows how white text looks on a background with the Yxy color 73.7614, 0.3606, 0.4126.

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

73.7614, 0.3606, 0.4126

Protanopia

73.6781, 0.3759, 0.4063

Deuteranopia

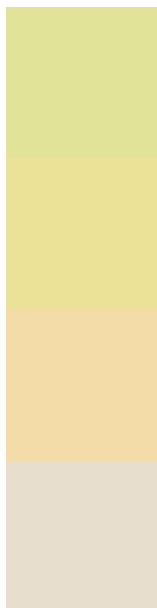
73.5461, 0.3702, 0.3692



Tritanopia

73.8031, 0.3135, 0.3113

Trichromacy



Original Color

73.7614, 0.3606, 0.4126

Protanomaly

73.7470, 0.3699, 0.4085

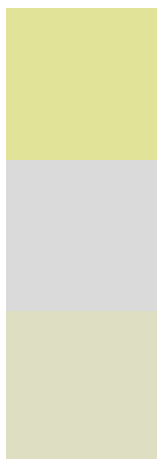
Deuteranomaly

73.2466, 0.3669, 0.3841

Tritanomaly

73.6393, 0.3306, 0.3473

Monochromacy



Original Color

73.7614, 0.3606, 0.4126

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.5097, 0.3308, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7614, 0.3606, 0.4126 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(225, 228, 152)` looks like.

```
.text, #text, p{  
    color:rgb(225, 228, 152)  
}
```

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(225, 228, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 228, 152) }
```

Border

The CSS property to change the border of an element to Yxy 73.7614, 0.3606, 0.4126 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(225, 228, 152) }
```

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

```
.border{ border-color:rgb(225, 228, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 228, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 228, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 228, 152);  
box-shadow:4px 4px 4px 4px rgb(225, 228,  
152) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7614, 0.3606, 0.4126$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 228, 152) }
```

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

```
.background{ background-color: rgb(225,  
228, 152) }
```

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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