

Converting Colors

$Yxy(71.6836, 0.3583, 0.4037)$

Have a look what the booklet for
Yxy(71.6836, 0.3583, 0.4037)
contains.

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Color

Yxy(71.5929, 0.3578, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	E0E09D
RGB	224, 224, 157
RGB Percent	88%, 88%, 62%
CMY	0.1215, 0.1216, 0.3845
CMYK	0.00, 0.00, 0.30, 0.12
HSL	60°, 52%, 75%
HSV	60°, 30%, 88%
XYZ	63.4844, 71.5929, 42.3525
YIQ	216.3620, 21.5070, -20.8370

Conversions

Conversions Part 2

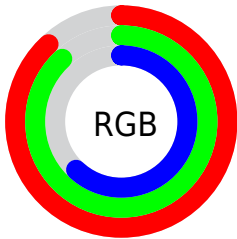
Format	Color
RYB	157, 224, 157
Decimal	14737565
CIELab	87.77, -10.23, 32.92
CIELCh	88, 34.476, 107.260
Yxy	71.5929, 0.3578, 0.4035
Android (android.graphics.Color)	4292927645 (0xFFE0E09D)
YUV	216.3620, -29.2655, 6.6985
Hunter-Lab	84.6126, -14.1445, 29.5514

Details

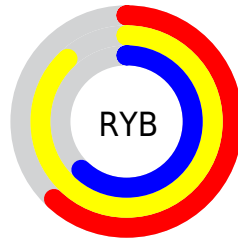
The Yxy color **71.5929, 0.3578, 0.4035** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.6551, 0.2600, 0.2418**, and the grayscale version is **69.1233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **37.7207, 0.3674, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **70.8961, 0.3723, 0.4275**, and if you desaturate by 10%, it is **72.4364, 0.3427, 0.3785**.

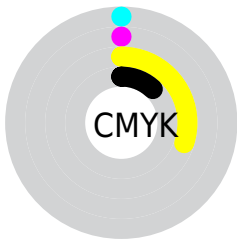
Distribution



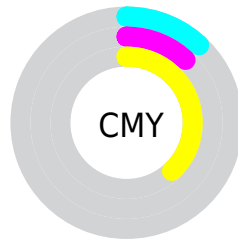
- Red (88%)
- Green (88%)
- Blue (62%)



- Red (62%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (12%)




- Cyan (12%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5929, 0.3578, 0.4035 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 71.5929, 0.3578, 0.4035 by changing the saturation by 10% instead.


 71.5929, 0.3578,
0.4035


 71.5929, 0.3578,
0.4035


466.1234, 0.3376,
0.3685

 52.8262, 0.3622,
0.4115


 121.4776, 0.3509,
0.3913

 37.6640, 0.3674,
0.4214


 153.3643, 0.3482,
0.3866

 25.7220, 0.3738,
0.4338


190.3932, 0.3459,
0.3825

 16.6158, 0.3816,
0.4499

232.9486, 0.3438,
0.3790

 9.9610, 0.3912,
0.4712

281.4149, 0.3420,
0.3759

 5.3731, 0.4022,
0.5002

336.1766, 0.3403,

 2.4678, 0.4331,

0.3731

0.5669

397.6179, 0.3389,
0.3707

0.8604, 0.3977,
0.6023

0.0000, 0.0000,
0.0000

71.5929, 0.3578,
0.4035

71.5929, 0.3578,
0.4035

70.8961, 0.3723,
0.4275

72.4364, 0.3427,
0.3785

70.3287, 0.3857,
0.4496

73.4241, 0.3275,
0.3534

69.8855, 0.3973,
0.4687

74.5657, 0.3126,
0.3288

69.5571, 0.4066,
0.4841

75.8676, 0.2985,
0.3054

■ 69.3328, 0.4133,
0.4952

■ 76.4026, 0.2934,
0.2970

■ 69.1999, 0.4174,
0.5020

■ 76.4065, 0.2934,
0.2970

■ 69.1363, 0.4194,
0.5052

■ 76.4104, 0.2934,
0.2970

■ 69.1359, 0.4194,
0.5052

■ 76.4143, 0.2934,
0.2970

■ 76.4182, 0.2934,
0.2970

Harmonies

Analogous

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



71.5929, 0.3871, 0.3872



71.5929, 0.3578, 0.4035



71.5929, 0.3175, 0.3979

Triad

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



71.5929, 0.3578, 0.4035



71.5929, 0.2360, 0.2917



71.5929, 0.3459, 0.2928

Complementary

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



71.5929, 0.3578, 0.4035



36.6551, 0.2600, 0.2418

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.



71.5929, 0.3034, 0.2706



71.5929, 0.3578, 0.4035



71.5929, 0.2422, 0.2682

Square

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



71.5929, 0.3578, 0.4035



71.5929, 0.2484, 0.3287



71.5929, 0.2660, 0.2615



71.5929, 0.3808, 0.3238

Rectangle

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



71.5929, 0.3578, 0.4035



71.5929, 0.2902, 0.3809



71.5929, 0.2660, 0.2615



71.5929, 0.3319, 0.2842

Sweetspot

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



71.5961, 0.3578, 0.4035



98.6043, 0.3261, 0.3512



42.4229, 0.3785, 0.3279



21.0605, 0.3284, 0.3549



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.



71.5961, 0.3578, 0.4035



95.4126, 0.3671, 0.4189



66.9123, 0.3332, 0.4099



16.0288, 0.3267, 0.3521



40.2331, 0.4194, 0.5052



2.7890, 0.4194, 0.5052

Inverse Universe

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



36.6551, 0.2600, 0.2418



41.3037, 0.2467, 0.2200



40.3504, 0.2861, 0.2478



13.2440, 0.2980, 0.3048



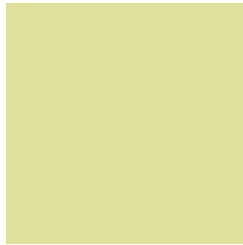
3.1338, 0.1500, 0.0600



0.2175, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 71.5929, 0.3578, 0.4035 looks on a white background.

Color Contrast Check

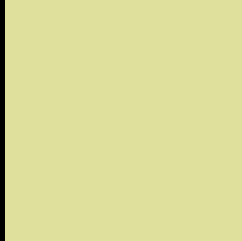
Large Text (above 18pt) WCAG AA × Fail

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 71.5929, 0.3578, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

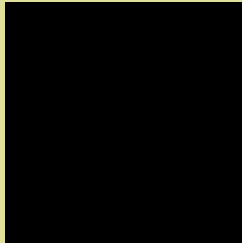
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

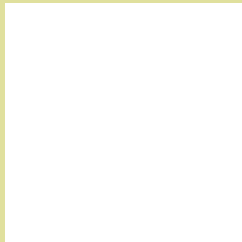
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5929, 0.3578, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 71.5929, 0.3578, 0.4035.

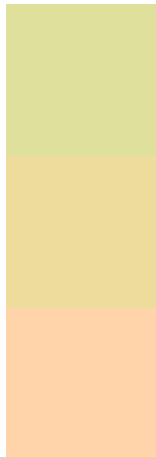


This preview shows how white text looks on a background with the Yxy color 71.5929, 0.3578, 0.4035.

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

71.5929, 0.3578, 0.4035

Protanopia

71.5575, 0.3705, 0.3991

Deuteranopia

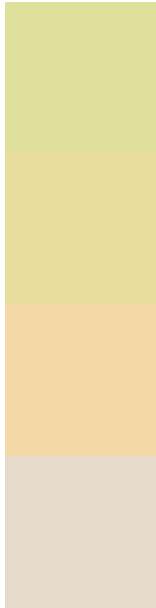
71.2492, 0.3766, 0.3725



Tritanopia

71.1863, 0.3150, 0.3111

Trichromacy



Original Color

71.5929, 0.3578, 0.4035

Protanomaly

71.2690, 0.3656, 0.4000

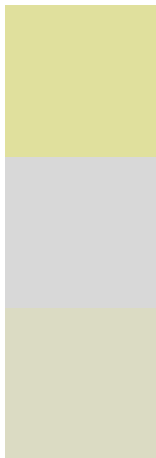
Deuteranomaly

71.0614, 0.3703, 0.3833

Tritanomaly

71.3254, 0.3311, 0.3442

Monochromacy



Original Color

71.5929, 0.3578, 0.4035

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6632, 0.3290, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5929, 0.3578, 0.4035 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(224, 224, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 157)  
}
```

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(224, 224, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 157) }
```

Border

The CSS property to change the border of an element to Yxy 71.5929, 0.3578, 0.4035 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(224, 224, 157) }
```

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

```
.border{ border-color:rgb(224, 224, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5929, 0.3578, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 157) }
```

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

```
.background{ background-color: rgb(224,  
224, 157) }
```

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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