

Converting Colors

$Y_{xy}(73.1189, 0.3596, 0.4071)$

Have a look what the booklet for
Yxy(73.1189, 0.3596, 0.4071)
contains.

Yxy(72.9280, 0.3600, 0.4072)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.9280, 0.3600, 0.4072)

Conversions

Conversions Part 1

Format	Color
Hex	E2E29B
RGB	226, 226, 155
RGB Percent	89%, 89%, 61%
CMY	0.1138, 0.1137, 0.3921
CMYK	0.00, 0.00, 0.31, 0.11
HSL	60°, 55%, 75%
HSV	60°, 31%, 89%
XYZ	64.4747, 72.9280, 41.6936
YIQ	217.9060, 22.7910, -22.0810

Conversions

Conversions Part 2

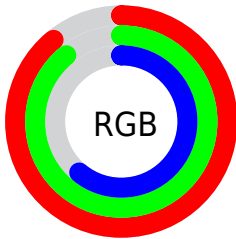
Format	Color
RYB	155, 226, 155
Decimal	14869147
CIELab	88.41, -10.73, 34.79
CIELCh	88, 36.407, 107.144
Yxy	72.9280, 0.3600, 0.4072
Android (android.graphics.Color)	4293059227 (0xFFE2E29B)
YUV	217.9060, -31.0127, 7.0984
Hunter-Lab	85.3979, -14.6804, 30.8315

Details

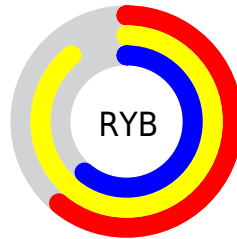
The Yxy color **72.9280, 0.3600, 0.4072** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.9106, 0.2569, 0.2367**, and the grayscale version is **70.2502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **38.6511, 0.3701, 0.4259** is the 20% darker color. If you saturate the color by 10%, you get **72.2405, 0.3744, 0.4310**, and if you desaturate by 10%, it is **73.7642, 0.3449, 0.3823**.

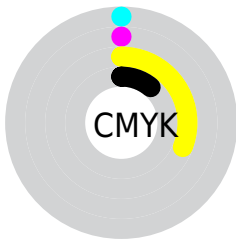
Distribution



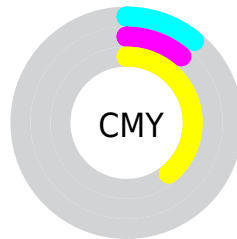
- Red (89%)
- Green (89%)
- Blue (61%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9280, 0.3600, 0.4072 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 72.9280, 0.3600, 0.4072 by changing the saturation by 10% instead.


 72.9280, 0.3600,
0.4072


 72.9280, 0.3600,
0.4072


470.7652, 0.3389,
0.3706

 53.9171, 0.3645,
0.4155


 123.3750, 0.3529,
0.3945

 38.5354, 0.3699,
0.4258


 155.5799, 0.3501,
0.3896

 26.3985, 0.3765,
0.4386


192.9515, 0.3476,
0.3853

 17.1220, 0.3844,
0.4551

235.8743, 0.3454,
0.3816

 10.3215, 0.3938,
0.4769

284.7327, 0.3435,
0.3783

 5.6126, 0.4045,
0.5060


339.9111, 0.3418,

 2.6110, 0.4314,


0.3755


0.5686


401.7938, 0.3403,
0.3729


 0.9322, 0.4007,
0.5993


 0.0000, 0.0000,
0.0000

 72.9280, 0.3600,
0.4072


 72.9280, 0.3600,
0.4072


 72.2405, 0.3744,
0.4310


 73.7642, 0.3449,
0.3823


 71.6838, 0.3875,
0.4527


 74.7466, 0.3297,
0.3571

 71.2526, 0.3988,
0.4713

 75.8853, 0.3148,
0.3324


 70.9371, 0.4077,
0.4861


 77.1867, 0.3005,
0.3088

 70.7261, 0.4140,
0.4966


 77.7897, 0.2947,
0.2992


 70.6062, 0.4177,
0.5027

 77.7907, 0.2947,
0.2992

 70.5569, 0.4193,
0.5053

 77.7918, 0.2947,
0.2992

 77.7929, 0.2947,
0.2992

 77.7940, 0.2947,
0.2992

Harmonies

Analogous

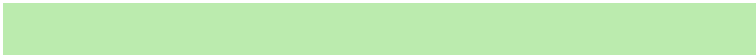
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9280, 0.3908, 0.3897



72.9280, 0.3600, 0.4072



72.9280, 0.3178, 0.4017

Triad

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



72.9280, 0.3600, 0.4072



72.9280, 0.2324, 0.2898



72.9280, 0.3474, 0.2910

Complementary

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



72.9280, 0.3600, 0.4072



35.9106, 0.2569, 0.2367

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.



72.9280, 0.3027, 0.2679



72.9280, 0.3600, 0.4072



72.9280, 0.2389, 0.2654

Square

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



72.9280, 0.3600, 0.4072



72.9280, 0.2454, 0.3287



72.9280, 0.2636, 0.2584



72.9280, 0.3841, 0.3232

Rectangle

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



72.9280, 0.3600, 0.4072



72.9280, 0.2892, 0.3838



72.9280, 0.2636, 0.2584



72.9280, 0.3326, 0.2821

Sweetspot

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



72.9313, 0.3600, 0.4072



98.6078, 0.3261, 0.3512



41.9844, 0.3843, 0.3292



21.0614, 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.



72.9313, 0.3600, 0.4072



95.2466, 0.3700, 0.4237



67.7776, 0.3332, 0.4146



16.0294, 0.3267, 0.3522



40.2493, 0.4193, 0.5053



2.7899, 0.4193, 0.5053

Inverse Universe

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



35.9106, 0.2569, 0.2367



38.9900, 0.2425, 0.2128



39.9517, 0.2855, 0.2437



13.2435, 0.2981, 0.3047



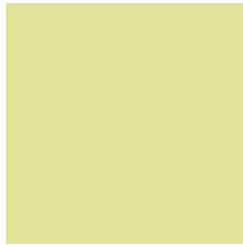
3.1329, 0.1500, 0.0600



0.2172, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 72.9280, 0.3600, 0.4072 looks on a white background.

Color Contrast Check

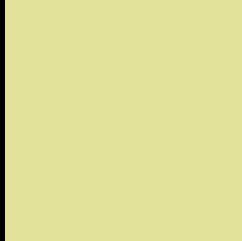
Large Text (above 18pt) WCAG AA × Fail

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 72.9280, 0.3600, 0.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

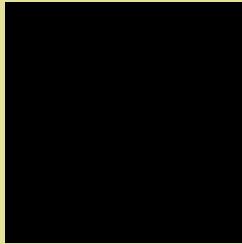
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9280, 0.3600, 0.4072

Background



This preview shows how black text looks on a background with the Yxy color 72.9280, 0.3600, 0.4072.



This preview shows how white text looks on a background with the Yxy color 72.9280, 0.3600, 0.4072.

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

72.9280, 0.3600, 0.4072

Protanopia

73.0677, 0.3735, 0.4025

Deuteranopia

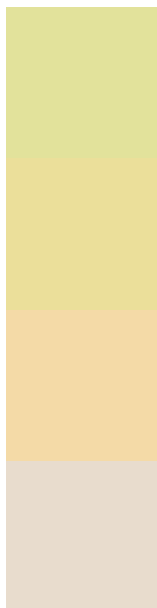
72.4091, 0.3730, 0.3704



Tritanopia

72.8278, 0.3157, 0.3113

Trichromacy



Original Color

72.9280, 0.3600, 0.4072

Protanomaly

72.7706, 0.3686, 0.4035

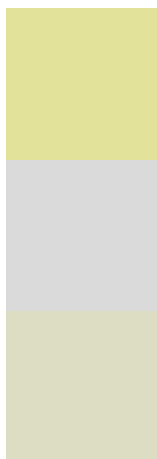
Deuteranomaly

72.1659, 0.3682, 0.3831

Tritanomaly

72.7500, 0.3316, 0.3452

Monochromacy



Original Color

72.9280, 0.3600, 0.4072

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0252, 0.3302, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9280, 0.3600, 0.4072 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(226, 226, 155)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 155)  
}
```

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(226, 226, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 155) }
```

Border

The CSS property to change the border of an element to Yxy 72.9280, 0.3600, 0.4072 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(226, 226, 155) }
```

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

```
.border{ border-color:rgb(226, 226, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 155);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9280, 0.3600, 0.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 155) }
```

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

```
.background{ background-color: rgb(226,  
226, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor