

Converting Colors

Yxy(71.6944, 0.3596, 0.4311)

Have a look what the booklet for
Yxy(71.6944, 0.3596, 0.4311)
contains.

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Color

Yxy(72.0197, 0.3599, 0.4316)

Conversions

Conversions Part 1

Format	Color
Hex	D5E58A
RGB	213, 229, 138
RGB Percent	84%, 90%, 54%
CMY	0.1646, 0.1020, 0.4587
CMYK	0.07, 0.00, 0.40, 0.10
HSL	71°, 64%, 72%
HSV	71°, 40%, 90%
XYZ	60.0554, 72.0197, 34.7917
YIQ	213.8420, 19.6750, -31.6930

Conversions

Conversions Part 2

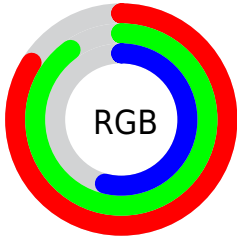
Format	Color
RYB	138, 229, 154
Decimal	14017930
CIELab	87.98, -19.13, 42.54
CIElCh	88, 46.645, 114.214
Yxy	72.0197, 0.3599, 0.4316
Android (android.graphics.Color)	4292208010 (0xFFD5E58A)
YUV	213.8420, -37.3901, -0.7384
Hunter-Lab	84.8644, -22.1950, 35.0981

Details

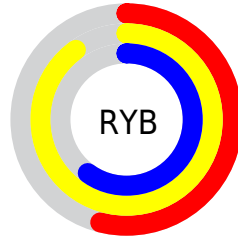
The Yxy color **72.0197, 0.3599, 0.4316** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.7128, 0.2515, 0.2112**, and the grayscale version is **67.3860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **38.1121, 0.3685, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **70.8341, 0.3701, 0.4565**, and if you desaturate by 10%, it is **73.3665, 0.3485, 0.4054**.

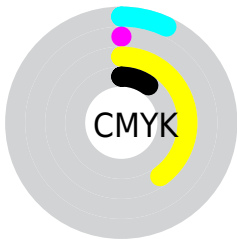
Distribution



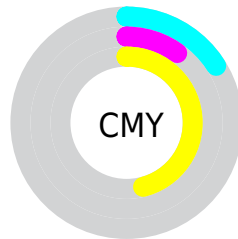
- Red (84%)
- Green (90%)
- Blue (54%)



- Red (54%)
- Yellow (90%)
- Blue (60%)



- Cyan (7%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)





- Cyan (16%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0197, 0.3599, 0.4316 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 72.0197, 0.3599, 0.4316 by changing the saturation by 10% instead.


 72.0197, 0.3599,
0.4316

 72.0197, 0.3599,
0.4316


467.6102, 0.3396,
0.3830


 53.1748, 0.3639,
0.4427

 122.0845, 0.3533,
0.4147

 37.9423, 0.3686,
0.4564


 154.0732, 0.3506,
0.4081

 25.9379, 0.3738,
0.4735


 191.2120, 0.3482,
0.4025

 16.7772, 0.3795,
0.4954

233.8852, 0.3461,
0.3975

 10.0758, 0.3849,
0.5238

282.4772, 0.3442,
0.3932

 5.4492, 0.3916,
0.5669


337.3724, 0.3425,

 2.5132, 0.3844,


0.3894


0.6156

398.9553, 0.3410,
0.3861


 0.8832, 0.2966,
0.7034


 0.0000, 0.0000,
0.0000


 72.0197, 0.3599,
0.4316

 72.0197, 0.3599,
0.4316

 70.8341, 0.3701,
0.4565


 73.3665, 0.3485,
0.4054


 69.7911, 0.3785,
0.4791


 74.8730, 0.3366,
0.3790


 68.8838, 0.3847,
0.4983

 76.5500, 0.3244,
0.3531


 68.1010, 0.3884,
0.5132


 78.4046, 0.3124,
0.3283

 67.4291, 0.3894,
0.5235


 80.4434, 0.3009,
0.3051


 66.8455, 0.3883,
0.5298

 81.2862, 0.3020,
0.3029

 66.8299, 0.3882,
0.5300

 81.9864, 0.3046,
0.3031

 82.7023, 0.3073,
0.3033

 83.4338, 0.3100,
0.3035

Harmonies

Analogous

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



72.0197, 0.4046, 0.4125



72.0197, 0.3599, 0.4316



72.0197, 0.3048, 0.4179

Triad

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



72.0197, 0.3599, 0.4316



72.0197, 0.2116, 0.2687



72.0197, 0.3698, 0.2895

Complementary

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



72.0197, 0.3599, 0.4316



30.7128, 0.2515, 0.2112

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.



72.0197, 0.3126, 0.2579



72.0197, 0.3599, 0.4316



72.0197, 0.2250, 0.2443

Square

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



72.0197, 0.3599, 0.4316



72.0197, 0.2216, 0.3144



72.0197, 0.2603, 0.2416



72.0197, 0.4126, 0.3307

Rectangle

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



72.0197, 0.3599, 0.4316



72.0197, 0.2699, 0.3897



72.0197, 0.2603, 0.2416



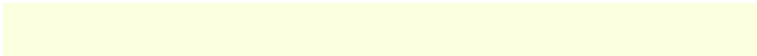
72.0197, 0.3513, 0.2776

Sweetspot

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



72.0229, 0.3599, 0.4316



97.1791, 0.3272, 0.3591



41.3388, 0.4056, 0.3469



20.7389, 0.3288, 0.3625



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.



72.0229, 0.3599, 0.4316



90.6130, 0.3687, 0.4531



66.2360, 0.3270, 0.4435



16.6825, 0.3241, 0.3524



38.2588, 0.3887, 0.5296



2.8609, 0.3934, 0.5258

Inverse Universe

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



30.7128, 0.2515, 0.2112



30.7640, 0.2351, 0.1821



35.9406, 0.2896, 0.2229



14.0081, 0.3007, 0.3049



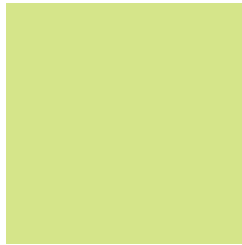
3.5310, 0.1581, 0.0644



0.2968, 0.1706, 0.0714

Previews

White Background



This preview shows how the Yxy color 72.0197, 0.3599, 0.4316 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 72.0197, 0.3599, 0.4316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

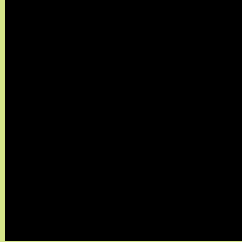
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0197, 0.3599, 0.4316

Background



This preview shows how black text looks on a background with the Yxy color 72.0197, 0.3599, 0.4316.

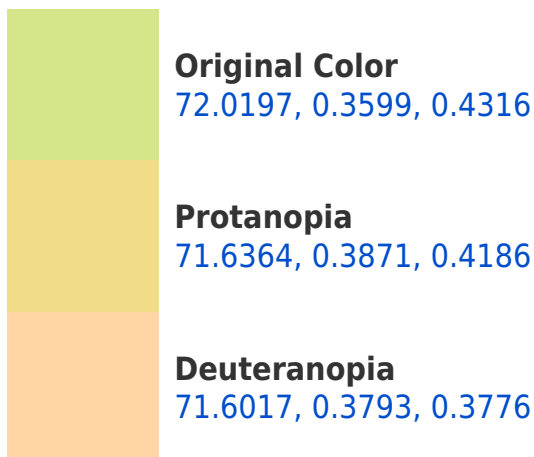


This preview shows how white text looks on a background with the Yxy color 72.0197, 0.3599, 0.4316.

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

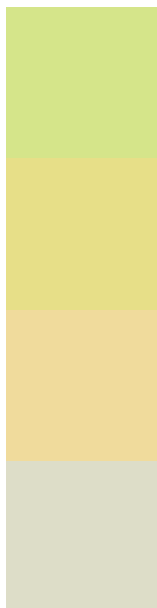




Tritanopia

71.6314, 0.3065, 0.3099

Trichromacy



Original Color

72.0197, 0.3599, 0.4316

Protanomaly

71.5419, 0.3773, 0.4232

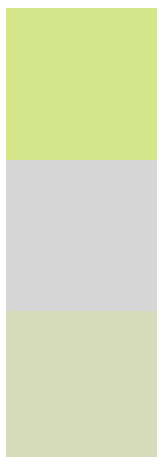
Deuteranomaly

71.5886, 0.3725, 0.3964

Tritanomaly

71.2552, 0.3268, 0.3523

Monochromacy



Original Color

72.0197, 0.3599, 0.4316

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.5043, 0.3314, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0197, 0.3599, 0.4316 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(213, 229, 138)` looks like.

```
.text, #text, p{  
    color:rgb(213, 229, 138)  
}
```

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(213, 229, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 229, 138) }
```

Border

The CSS property to change the border of an element to Yxy 72.0197, 0.3599, 0.4316 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(213, 229, 138) }
```

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

```
.border{ border-color:rgb(213, 229, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 229, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 229, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 229, 138); box-shadow:4px 4px 4px 4px rgb(213, 229, 138) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.0197, 0.3599, 0.4316$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 229, 138) }
```

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

```
.background{ background-color: rgb(213,  
229, 138) }
```

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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