

Converting Colors

$Y_{xy}(70.1124, 0.3593, 0.4300)$

Have a look what the booklet for
Yxy(70.1124, 0.3593, 0.4300)
contains.

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Color

Yxy(70.0766, 0.3594, 0.4294)

Conversions

Conversions Part 1

Format	Color
Hex	D3E28A
RGB	211, 226, 138
RGB Percent	83%, 89%, 54%
CMY	0.1724, 0.1137, 0.4589
CMYK	0.07, 0.00, 0.39, 0.11
HSL	70°, 60%, 71%
HSV	70°, 39%, 89%
XYZ	58.6528, 70.0766, 34.4671
YIQ	211.4830, 19.3080, -30.5480

Conversions

Conversions Part 2

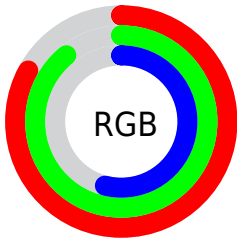
Format	Color
RYB	138, 226, 153
Decimal	13886090
CIELab	87.03, -18.43, 41.34
CIELCh	87, 45.263, 114.028
Yxy	70.0766, 0.3594, 0.4294
Android (android.graphics.Color)	4292076170 (0xFFD3E28A)
YUV	211.4830, -36.2271, -0.4236
Hunter-Lab	83.7118, -21.4292, 34.1864

Details

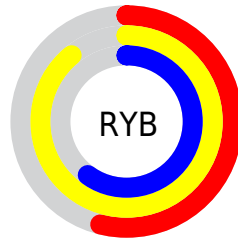
The Yxy color **70.0766, 0.3594, 0.4294** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.4252, 0.2526, 0.2138**, and the grayscale version is **65.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **36.7663, 0.3681, 0.4547** is the 20% darker color. If you saturate the color by 10%, you get **68.9311, 0.3698, 0.4544**, and if you desaturate by 10%, it is **71.3781, 0.3479, 0.4032**.

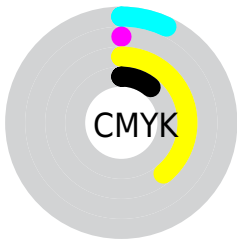
Distribution



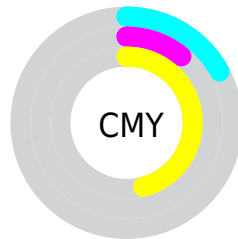
- Red (83%)
- Green (89%)
- Blue (54%)



- Red (54%)
- Yellow (89%)
- Blue (60%)



- Cyan (7%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0766, 0.3594, 0.4294 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 70.0766, 0.3594, 0.4294 by changing the saturation by 10% instead.

70.0766, 0.3594,
0.4294

70.0766, 0.3594,
0.4294

460.8189, 0.3392,
0.3817

51.5890, 0.3635,
0.4404

119.3180, 0.3528,
0.4127

36.6776, 0.3682,
0.4540

150.8405, 0.3501,
0.4062

24.9579, 0.3736,
0.4710

187.4769, 0.3477,
0.4007

16.0457, 0.3795,
0.4929

229.6114, 0.3456,
0.3959

9.5565, 0.3852,
0.5215

277.6284, 0.3437,
0.3917

5.1059, 0.3931,
0.5661

331.9124, 0.3421,

2.3095, 0.3854,

0.3879

0.6146

392.8478, 0.3405,
0.3846

0.7788, 0.2715,
0.7285

0.0000, 0.0000,
0.0000

70.0766, 0.3594,
0.4294

70.0766, 0.3594,
0.4294

68.9311, 0.3698,
0.4544

71.3781, 0.3479,
0.4032

67.9236, 0.3785,
0.4771

72.8341, 0.3358,
0.3769


67.0477, 0.3850,
0.4964


74.4550, 0.3235,
0.3511


66.2925, 0.3889,
0.5116


76.2476, 0.3115,
0.3265

 65.6452, 0.3903,
0.5222


 78.2183, 0.2999,
0.3034

 65.0859, 0.3894,
0.5286

 79.1189, 0.3000,
0.2997

 65.0296, 0.3892,
0.5292

 79.7766, 0.3025,
0.2999

 80.4485, 0.3051,
0.3001

 81.1347, 0.3077,
0.3003

Harmonies

Analogous

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



70.0766, 0.4030, 0.4108



70.0766, 0.3594, 0.4294



70.0766, 0.3054, 0.4160

Triad

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



70.0766, 0.3594, 0.4294



70.0766, 0.2134, 0.2702



70.0766, 0.3683, 0.2901

Complementary

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



70.0766, 0.3594, 0.4294



30.4252, 0.2526, 0.2138

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.



70.0766, 0.3123, 0.2591



70.0766, 0.3594, 0.4294



70.0766, 0.2265, 0.2460

Square

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



70.0766, 0.3594, 0.4294



70.0766, 0.2234, 0.3152



70.0766, 0.2610, 0.2431



70.0766, 0.4103, 0.3306

Rectangle

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



70.0766, 0.3594, 0.4294



70.0766, 0.2711, 0.3886



70.0766, 0.2610, 0.2431



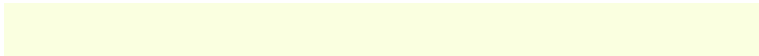
70.0766, 0.3502, 0.2784

Sweetspot

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



70.0797, 0.3594, 0.4294



97.2102, 0.3273, 0.3591



40.6678, 0.4029, 0.3466



20.7462, 0.3290, 0.3624



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.



70.0797, 0.3594, 0.4294



90.8718, 0.3682, 0.4504



64.4756, 0.3268, 0.4410



15.9055, 0.3241, 0.3523



37.1454, 0.3897, 0.5288



2.6063, 0.3945, 0.5249

Inverse Universe

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



30.4252, 0.2526, 0.2138



31.6105, 0.2366, 0.1853



35.4831, 0.2902, 0.2251



13.3547, 0.3007, 0.3049



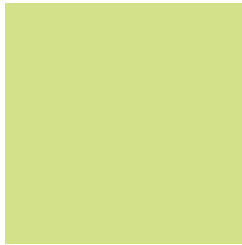
3.4073, 0.1577, 0.0642



0.2703, 0.1709, 0.0715

Previews

White Background



This preview shows how the Yxy color 70.0766, 0.3594, 0.4294 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 70.0766, 0.3594, 0.4294 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 70.0766, 0.3594, 0.4294

Background



This preview shows how black text looks on a background with the Yxy color 70.0766, 0.3594, 0.4294.



This preview shows how white text looks on a background with the Yxy color 70.0766, 0.3594, 0.4294.

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

70.0766, 0.3594, 0.4294

Protanopia

70.0692, 0.3856, 0.4176

Deuteranopia

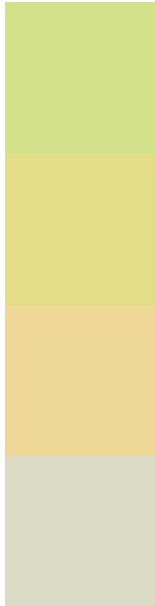
69.8218, 0.3863, 0.3828



Tritanopia

70.1150, 0.3071, 0.3107

Trichromacy



Original Color

70.0766, 0.3594, 0.4294

Protanomaly

69.9845, 0.3757, 0.4221

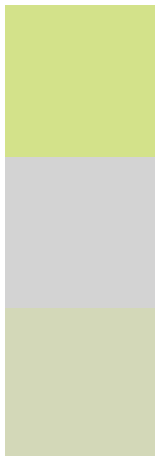
Deuteranomaly

69.6968, 0.3763, 0.3989

Tritanomaly

69.8003, 0.3269, 0.3525

Monochromacy



Original Color

70.0766, 0.3594, 0.4294

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.4213, 0.3310, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0766, 0.3594, 0.4294 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(211, 226, 138)` looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 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(211, 226, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 138) }
```

Border

The CSS property to change the border of an element to Yxy 70.0766, 0.3594, 0.4294 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(211, 226, 138) }
```

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

```
.border{ border-color:rgb(211, 226, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 226, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 226, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 226, 138);  
box-shadow:4px 4px 4px 4px rgb(211, 226,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0766, 0.3594, 0.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 138) }
```

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

```
.background{ background-color: rgb(211,  
226, 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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