

Converting Colors

$Yxy(70.6702, 0.3593, 0.4148)$

Have a look what the booklet for
Yxy(70.6702, 0.3593, 0.4148)
contains.

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Color

Yxy(70.5095, 0.3598, 0.4145)

Conversions

Conversions Part 1

Format	Color
Hex	DBE094
RGB	219, 224, 148
RGB Percent	86%, 88%, 58%
CMY	0.1413, 0.1215, 0.4197
CMYK	0.02, 0.00, 0.34, 0.12
HSL	64°, 55%, 73%
HSV	64°, 34%, 88%
XYZ	61.2046, 70.5095, 38.3932
YIQ	213.8410, 21.4160, -24.6960

Conversions

Conversions Part 2

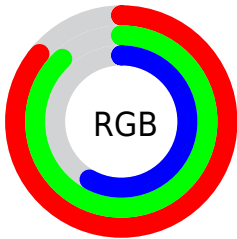
Format	Color
RYB	148, 224, 153
Decimal	14409876
CIELab	87.25, -13.26, 36.72
CIELCh	87, 39.035, 109.854
Yxy	70.5095, 0.3598, 0.4145
Android (android.graphics.Color)	4292599956 (0xFFDBE094)
YUV	213.8410, -32.4596, 4.5244
Hunter-Lab	83.9699, -16.8410, 31.6700

Details

The Yxy color **70.5095, 0.3598, 0.4145** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.3338, 0.2555, 0.2291**, and the grayscale version is **67.3415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **37.0070, 0.3696, 0.4356** is the 20% darker color. If you saturate the color by 10%, you get **69.6407, 0.3727, 0.4388**, and if you desaturate by 10%, it is **71.5240, 0.3460, 0.3891**.

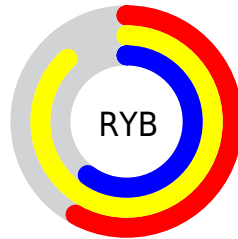
Distribution



Red (86%)

Green (88%)

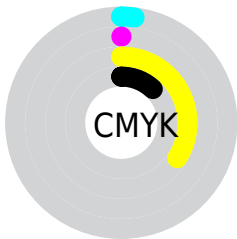
Blue (58%)



Red (58%)

Yellow (88%)

Blue (60%)

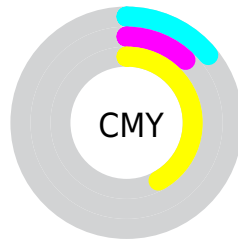


Cyan (2%)

Magenta (0%)

Yellow (34%)

Black (12%)



Cyan (14%)


Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5095, 0.3598, 0.4145 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 70.5095, 0.3598, 0.4145 by changing the saturation by 10% instead.


 70.5095, 0.3598,
0.4145


 70.5095, 0.3598,
0.4145


462.3369, 0.3389,
0.3741

 51.9420, 0.3642,
0.4238


 119.9351, 0.3528,
0.4004

 36.9589, 0.3695,
0.4352


 151.5619, 0.3500,
0.3950

 25.1756, 0.3757,
0.4496


188.3107, 0.3475,
0.3903

 16.2080, 0.3831,
0.4681

230.5657, 0.3454,
0.3862

 9.6714, 0.3916,
0.4925

278.7115, 0.3435,
0.3826

 5.1817, 0.4009,
0.5263

333.1324, 0.3418,

 2.3542, 0.4153,

0.3794

0.5847

394.2127, 0.3403,
0.3766

0.8022, 0.3536,
0.6464

0.0000, 0.0000,
0.0000

70.5095, 0.3598,
0.4145

70.5095, 0.3598,
0.4145

69.6407, 0.3727,
0.4388

71.5240, 0.3460,
0.3891

68.9001, 0.3842,
0.4609

72.6820, 0.3320,
0.3636

68.2821, 0.3937,
0.4800

73.9935, 0.3181,
0.3386

67.7768, 0.4009,
0.4951

75.4647, 0.3047,
0.3147

67.3730, 0.4054,
0.5058

76.7761, 0.2949,
0.2971

67.0566, 0.4073,
0.5122

77.0185, 0.2959,
0.2972

66.8939, 0.4076,
0.5146

77.2631, 0.2969,
0.2973

77.5098, 0.2979,
0.2974

77.7586, 0.2988,
0.2975

Harmonies

Analogous

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



70.5095, 0.3949, 0.3968



70.5095, 0.3598, 0.4145



70.5095, 0.3136, 0.4063

Triad

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



70.5095, 0.3598, 0.4145



70.5095, 0.2260, 0.2832



70.5095, 0.3544, 0.2908

Complementary

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



70.5095, 0.3598, 0.4145



33.3338, 0.2555, 0.2291

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.



70.5095, 0.3060, 0.2650



70.5095, 0.3598, 0.4145



70.5095, 0.2347, 0.2588

Square

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



70.5095, 0.3598, 0.4145



70.5095, 0.2380, 0.3242



70.5095, 0.2628, 0.2532



70.5095, 0.3929, 0.3259

Rectangle

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



70.5095, 0.3598, 0.4145



70.5095, 0.2831, 0.3854



70.5095, 0.2628, 0.2532



70.5095, 0.3385, 0.2809

Sweetspot

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



70.5127, 0.3598, 0.4145



98.1449, 0.3266, 0.3538



40.3747, 0.3909, 0.3338



20.9549, 0.3286, 0.3574



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.



70.5127, 0.3598, 0.4145



93.7017, 0.3694, 0.4325



65.4279, 0.3319, 0.4229



15.9807, 0.3257, 0.3522



38.9501, 0.4078, 0.5144



2.7140, 0.4097, 0.5129

Inverse Universe

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



33.3338, 0.2555, 0.2291



36.3852, 0.2406, 0.2035



37.4793, 0.2861, 0.2371



13.2866, 0.2991, 0.3048



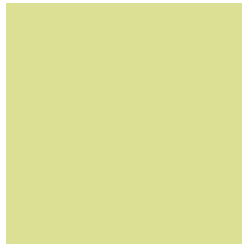
3.2086, 0.1522, 0.0612



0.2379, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 70.5095, 0.3598, 0.4145 looks on a white background.

Color Contrast Check

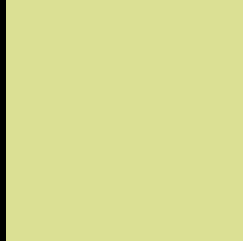
Large Text (above 18pt) WCAG AA × Fail

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 70.5095, 0.3598, 0.4145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

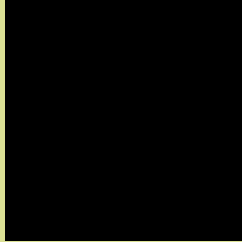
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.5095, 0.3598, 0.4145

Background



This preview shows how black text looks on a background with the Yxy color 70.5095, 0.3598, 0.4145.



This preview shows how white text looks on a background with the Yxy color 70.5095, 0.3598, 0.4145.

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

70.5095, 0.3598, 0.4145

Protanopia

70.2227, 0.3774, 0.4066

Deuteranopia

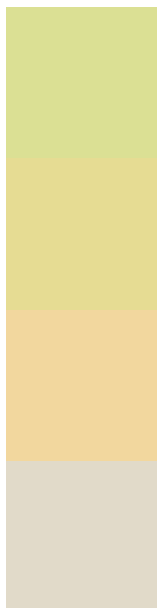
69.9975, 0.3826, 0.3777



Tritanopia

70.5207, 0.3121, 0.3110

Trichromacy



Original Color

70.5095, 0.3598, 0.4145

Protanomaly

70.1160, 0.3704, 0.4091

Deuteranomaly

69.9467, 0.3741, 0.3900

Tritanomaly

70.3674, 0.3294, 0.3477

Monochromacy



Original Color

70.5095, 0.3598, 0.4145

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.4594, 0.3303, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5095, 0.3598, 0.4145 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(219, 224, 148)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 148)  
}
```

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(219, 224, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 148) }
```

Border

The CSS property to change the border of an element to Yxy 70.5095, 0.3598, 0.4145 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(219, 224, 148) }
```

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

```
.border{ border-color:rgb(219, 224, 148) }
```

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

Here you see how a box with a 4 pixel rgb(219, 224, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 148);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5095, 0.3598, 0.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 148) }
```

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

```
.background{ background-color: rgb(219,  
224, 148) }
```

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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