

Converting Colors

$Yxy(70.4326, 0.3337, 0.3816)$

Have a look what the booklet for
Yxy(70.4326, 0.3337, 0.3816)
contains.

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Color

Yxy(70.3745, 0.3338, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	D3E0B2
RGB	211, 224, 178
RGB Percent	83%, 88%, 70%
CMY	0.1728, 0.1215, 0.3020
CMYK	0.06, 0.00, 0.21, 0.12
HSL	77°, 43%, 79%
HSV	77°, 21%, 88%
XYZ	61.5431, 70.3745, 52.4536
YIQ	214.8690, 7.0180, -17.0620

Conversions

Conversions Part 2

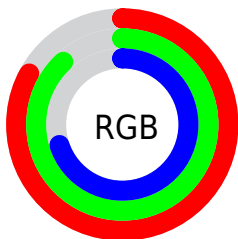
Format	Color
RYB	178, 224, 191
Decimal	13885618
CIELab	87.18, -12.18, 21.11
CIELCh	87, 24.373, 119.977
Yxy	70.3745, 0.3338, 0.3817
Android (android.graphics.Color)	4292075698 (0xFFD3E0B2)
YUV	214.8690, -18.1764, -3.3931
Hunter-Lab	83.8895, -15.8553, 21.6504

Details

The Yxy color **70.3745, 0.3338, 0.3817** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.3049, 0.2885, 0.2739**, and the grayscale version is **67.9795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **36.9245, 0.3384, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **68.6290, 0.3438, 0.4090**, and if you desaturate by 10%, it is **72.3103, 0.3235, 0.3553**.

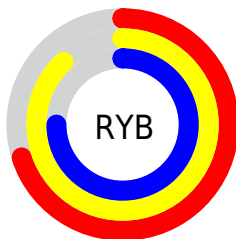
Distribution



Red (83%)

Green (88%)

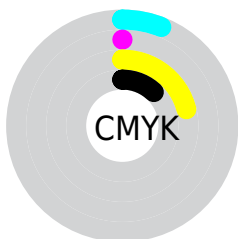
Blue (70%)



Red (70%)

Yellow (88%)

Blue (75%)

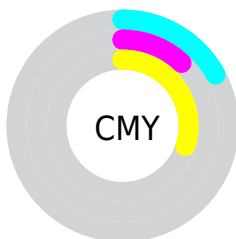


Cyan (6%)

Magenta (0%)

Yellow (21%)

Black (12%)



Cyan (17%)

Magenta (12%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3745, 0.3338, 0.3817 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 70.3745, 0.3338, 0.3817 by changing the saturation by 10% instead.

■ 70.3745, 0.3338,
0.3817

■ 70.3745, 0.3338,
0.3817

461.8638, 0.3243,
0.3566

■ 51.8319, 0.3359,
0.3876

■ 119.7427, 0.3306,
0.3729

■ 36.8711, 0.3384,
0.3949

151.3370, 0.3293,
0.3695

■ 25.1077, 0.3415,
0.4043

188.0507, 0.3282,
0.3666

■ 16.1573, 0.3454,
0.4168

230.2682, 0.3272,
0.3641

■ 9.6355, 0.3503,
0.4341

278.3739, 0.3264,
0.3618

■ 5.1580, 0.3565,
0.4595

332.7521, 0.3256,

■ 2.3403, 0.3672,

0.3599

0.5046

393.7873, 0.3249,
0.3582

0.7949, 0.3657,
0.6343

0.0000, 0.0000,
0.0000

70.3745, 0.3338,
0.3817

70.3745, 0.3338,
0.3817

68.6290, 0.3438,
0.4090

72.3103, 0.3235,
0.3553

67.0570, 0.3531,
0.4364


74.4343, 0.3133,
0.3303

65.6534, 0.3612,
0.4629


76.7561, 0.3033,
0.3071


64.4094, 0.3675,
0.4873


78.4438, 0.3015,
0.2978


 63.3151, 0.3716,
0.5085


 79.5549, 0.3058,
0.2982

 62.3592, 0.3732,
0.5254

 80.7053, 0.3101,
0.2986

 61.5283, 0.3722,
0.5374

 81.8026, 0.3141,
0.2990

 60.8365, 0.3694,
0.5449

Harmonies

Analogous

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



70.3745, 0.3586, 0.3773



70.3745, 0.3338, 0.3817



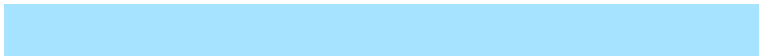
70.3745, 0.3041, 0.3702

Triad

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



70.3745, 0.3338, 0.3817



70.3745, 0.2573, 0.2942



70.3745, 0.3481, 0.3121

Complementary

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



70.3745, 0.3338, 0.3817



48.3049, 0.2885, 0.2739

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.



70.3745, 0.3193, 0.2923



70.3745, 0.3338, 0.3817



70.3745, 0.2677, 0.2816

Square

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



70.3745, 0.3338, 0.3817



70.3745, 0.2608, 0.3175



70.3745, 0.2899, 0.2813



70.3745, 0.3675, 0.3364

Rectangle

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



70.3745, 0.3338, 0.3817



70.3745, 0.2856, 0.3549



70.3745, 0.2899, 0.2813



70.3745, 0.3391, 0.3047

Sweetspot

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



70.3776, 0.3338, 0.3817



98.2385, 0.3189, 0.3438



56.3405, 0.3507, 0.3441



20.9873, 0.3195, 0.3455



0.0000, 0.0000, 0.0000



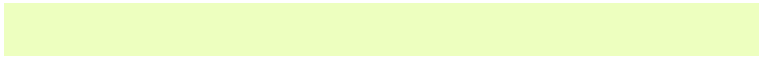
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3776, 0.3338, 0.3817



93.2787, 0.3385, 0.3943



67.2234, 0.3171, 0.3845



15.8238, 0.3224, 0.3525



35.4647, 0.3701, 0.5443



2.5028, 0.3780, 0.5381

Inverse Universe

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



48.3049, 0.2885, 0.2739



58.1982, 0.2820, 0.2600



51.5234, 0.3069, 0.2768



13.4308, 0.3025, 0.3051



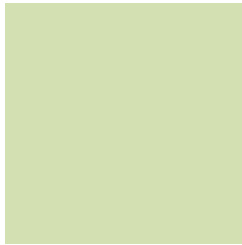
3.8101, 0.1686, 0.0702



0.3086, 0.1849, 0.0792

Previews

White Background



This preview shows how the Yxy color 70.3745, 0.3338, 0.3817 looks on a white background.

Color Contrast Check

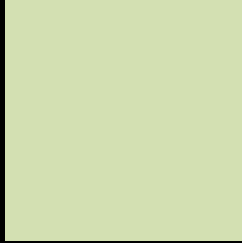
Large Text (above 18pt) WCAG AA × Fail

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 70.3745, 0.3338, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

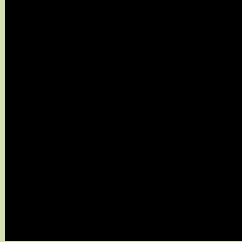
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

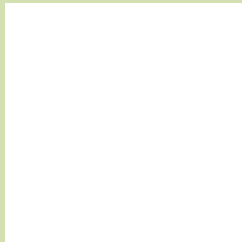
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3745, 0.3338, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 70.3745, 0.3338, 0.3817.



This preview shows how white text looks on a background with the Yxy color 70.3745, 0.3338, 0.3817.

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
Protanopia
Deuteranopia

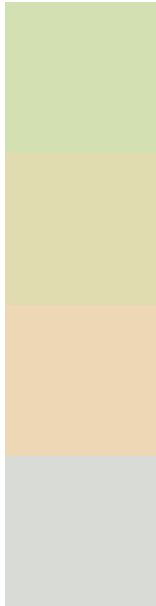
70.3745, 0.3338, 0.3817
70.3938, 0.3531, 0.3761
70.1248, 0.3666, 0.3594



Tritanopia

70.1123, 0.3030, 0.3096

Trichromacy



Original Color

70.3745, 0.3338, 0.3817

Protanomaly

70.1683, 0.3458, 0.3781

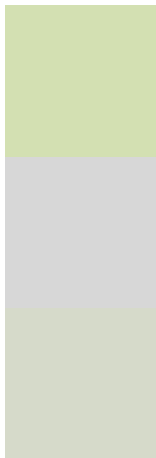
Deuteranomaly

69.9007, 0.3542, 0.3670

Tritanomaly

70.1170, 0.3139, 0.3345

Monochromacy



Original Color

70.3745, 0.3338, 0.3817

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.7032, 0.3206, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3745, 0.3338, 0.3817 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, 224, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 178)  
}
```

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, 224, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 178) }
```

Border

The CSS property to change the border of an element to Yxy 70.3745, 0.3338, 0.3817 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, 224, 178) }
```

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

```
.border{ border-color:rgb(211, 224, 178) }
```

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

Here you see how a box with a 4 pixel rgb(211, 224, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3745, 0.3338, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 178) }
```

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

```
.background{ background-color: rgb(211,  
224, 178) }
```

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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