

Converting Colors

$Yxy(70.4326, 0.3513, 0.3803)$

Have a look what the booklet for
Yxy(70.4326, 0.3513, 0.3803)
contains.

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Color

Yxy(70.1741, 0.3512, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	E4DBAD
RGB	228, 219, 173
RGB Percent	89%, 86%, 68%
CMY	0.1058, 0.1412, 0.3215
CMYK	0.00, 0.04, 0.24, 0.11
HSL	50°, 50%, 79%
HSV	50°, 24%, 89%
XYZ	64.8727, 70.1741, 49.6705
YIQ	216.4470, 20.1300, -12.3980

Conversions

Conversions Part 2

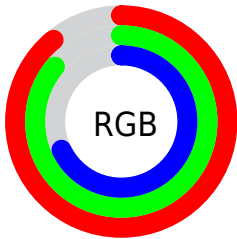
Format	Color
RYB	184, 228, 173
Decimal	14998445
CIELab	87.08, -4.09, 23.77
CIELCh	87, 24.117, 99.768
Yxy	70.1741, 0.3512, 0.3799
Android (android.graphics.Color)	4293188525 (0xFFE4DBAD)
YUV	216.4470, -21.4194, 10.1320
Hunter-Lab	83.7700, -8.3644, 23.4836

Details

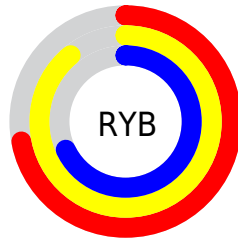
The Yxy color **70.1741, 0.3512, 0.3799** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.9560, 0.2725, 0.2724**, and the grayscale version is **69.1322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **36.6776, 0.3605, 0.3926** is the 20% darker color. If you saturate the color by 10%, you get **67.4413, 0.3683, 0.4014**, and if you desaturate by 10%, it is **73.1075, 0.3346, 0.3584**.

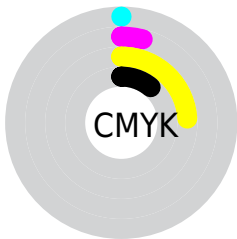
Distribution



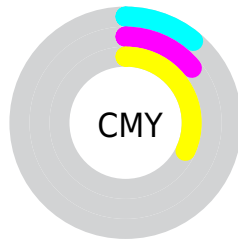
- Red (89%)
- Green (86%)
- Blue (68%)



- Red (72%)
- Yellow (89%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1741, 0.3512, 0.3799 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 70.1741, 0.3512, 0.3799 by changing the saturation by 10% instead.

 70.1741, 0.3512,
0.3799

 70.1741, 0.3512,
0.3799


461.1611, 0.3335,
0.3561

 51.6685, 0.3552,
0.3854


 119.4570, 0.3451,
0.3716

 36.7409, 0.3601,
0.3921


151.0031, 0.3427,
0.3684

 25.0069, 0.3662,
0.4007


187.6647, 0.3406,
0.3656

 16.0822, 0.3741,
0.4119

229.8264, 0.3388,
0.3632

 9.5824, 0.3844,
0.4270

277.8725, 0.3372,
0.3611

 5.1229, 0.3984,
0.4481

332.1874, 0.3358,

 2.3196, 0.4265,

0.3592

0.4896

393.1554, 0.3346,
0.3576

0.7840, 0.4515,
0.5485

0.0000, 0.0000,
0.0000

70.1741, 0.3512,
0.3799

70.1741, 0.3512,
0.3799

67.4413, 0.3683,
0.4014

73.1075, 0.3346,
0.3584

64.8919, 0.3855,
0.4219

76.2396, 0.3189,
0.3374

62.5202, 0.4020,
0.4407

79.5803, 0.3042,
0.3174

60.3170, 0.4172,
0.4565

82.5277, 0.2961,
0.3076

■ 58.2715, 0.4304,
0.4686

■ 84.6762, 0.2962,
0.3114

■ 56.3716, 0.4409,
0.4762

■ 86.8698, 0.2962,
0.3152

■ 54.6023, 0.4485,
0.4792

■ 89.1088, 0.2963,
0.3190

■ 53.6088, 0.4520,
0.4793

■ 91.3934, 0.2963,
0.3228

■ 93.7239, 0.2964,
0.3266

Harmonies

Analogous

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



70.1741, 0.3683, 0.3665



70.1741, 0.3512, 0.3799



70.1741, 0.3241, 0.3792

Triad

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



70.1741, 0.3512, 0.3799



70.1741, 0.2586, 0.3092



70.1741, 0.3291, 0.2983

Complementary

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



70.1741, 0.3512, 0.3799



47.9560, 0.2725, 0.2724

Split Complementary

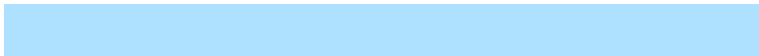
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1741, 0.2992, 0.2842



70.1741, 0.3512, 0.3799



70.1741, 0.2597, 0.2892

Square

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



70.1741, 0.3512, 0.3799



70.1741, 0.2712, 0.3365



70.1741, 0.2741, 0.2806



70.1741, 0.3554, 0.3198

Rectangle

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



70.1741, 0.3512, 0.3799



70.1741, 0.3044, 0.3699



70.1741, 0.2741, 0.2806



70.1741, 0.3190, 0.2926

Sweetspot

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



70.1773, 0.3512, 0.3799



97.0518, 0.3234, 0.3434



49.7756, 0.3547, 0.3186



20.7200, 0.3243, 0.3447



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.



70.1773, 0.3512, 0.3799



88.6315, 0.3598, 0.3908



72.1644, 0.3355, 0.3919



16.3941, 0.3272, 0.3485



31.1016, 0.4514, 0.4798



2.4059, 0.4460, 0.4841

Inverse Universe

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



47.9560, 0.2725, 0.2724



55.2621, 0.2630, 0.2585



46.6188, 0.2856, 0.2636



14.2666, 0.2980, 0.3087



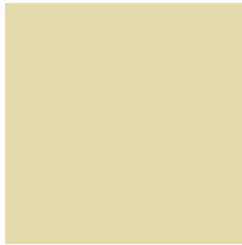
4.1250, 0.1540, 0.0745



0.4204, 0.1606, 0.0981

Previews

White Background



This preview shows how the Yxy color 70.1741, 0.3512, 0.3799 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 70.1741, 0.3512, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

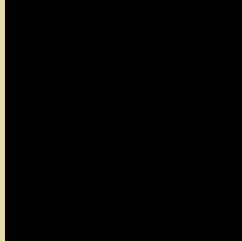
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

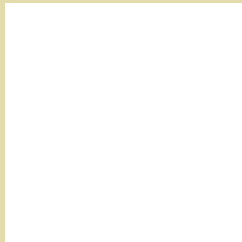
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1741, 0.3512, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 70.1741, 0.3512, 0.3799.



This preview shows how white text looks on a background with the Yxy color 70.1741, 0.3512, 0.3799.

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

70.1741, 0.3512, 0.3799

Protanopia

70.2772, 0.3553, 0.3795

Deuteranopia

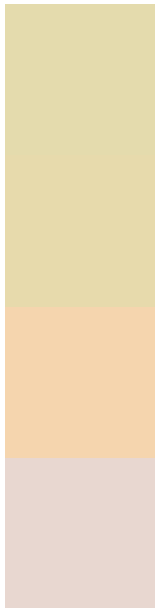
69.7669, 0.3730, 0.3644



Tritanopia

70.3506, 0.3186, 0.3122

Trichromacy



Original Color

70.1741, 0.3512, 0.3799

Protanomaly

70.1103, 0.3545, 0.3796

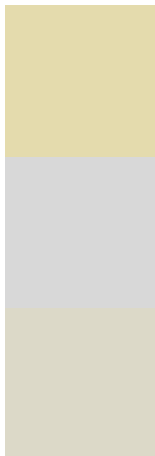
Deuteranomaly

70.0570, 0.3654, 0.3705

Tritanomaly

70.3107, 0.3302, 0.3366

Monochromacy



Original Color

70.1741, 0.3512, 0.3799

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.0115, 0.3265, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1741, 0.3512, 0.3799 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(228, 219, 173)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 173)  
}
```

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(228, 219, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 173) }
```

Border

The CSS property to change the border of an element to Yxy 70.1741, 0.3512, 0.3799 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(228, 219, 173) }
```

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

```
.border{ border-color:rgb(228, 219, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 219, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 219, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 219, 173); box-shadow:4px 4px 4px 4px rgb(228, 219, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1741, 0.3512, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 173) }
```

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

```
.background{ background-color: rgb(228,  
219, 173) }
```

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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