

Converting Colors

$Yxy(70.7338, 0.3490, 0.3653)$

Have a look what the booklet for
Yxy(70.7338, 0.3490, 0.3653)
contains.

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Color

Yxy(70.5788, 0.3485, 0.3649)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EAD9B8 |
| RGB | 234, 217, 184 |
| RGB Percent | 92%, 85%, 72% |
| CMY | 0.0822, 0.1490, 0.2783 |
| CMYK | 0.00, 0.07, 0.21, 0.08 |
| HSL | 40°, 54%, 82% |
| HSV | 40°, 21%, 92% |
| XYZ | 67.4067, 70.5788, 55.4340 |
| YIQ | 218.3210, 20.7250, -6.6590 |

Conversions

Conversions Part 2

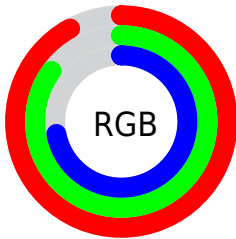
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 210, 234, 184 |
| Decimal | 15391160 |
| CIE Lab | 87.28, 0.71, 18.37 |
| CIE LCh | 87, 18.384, 87.771 |
| Yxy | 70.5788, 0.3485, 0.3649 |
| Android (android.graphics.Color) | 4293581240 (0xFFEAD9B8) |
| YUV | 218.3210, -16.9203, 13.7505 |
| Hunter-Lab | 84.0112, -3.7994, 19.6858 |

Details

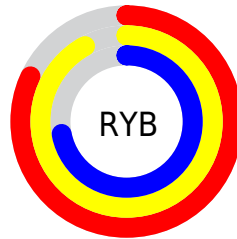
The Yxy color **70.5788, 0.3485, 0.3649** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.9435, 0.2782, 0.2903**, and the grayscale version is **70.4581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **36.9443, 0.3571, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **65.6673, 0.3678, 0.3824**, and if you desaturate by 10%, it is **75.8577, 0.3308, 0.3477**.

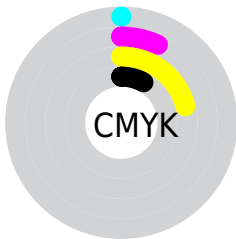
Distribution



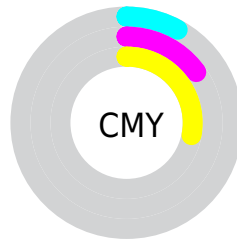
- Red (92%)
- Green (85%)
- Blue (72%)



- Red (82%)
- Yellow (92%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (8%)




- Cyan (8%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5788, 0.3485, 0.3649 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 70.5788, 0.3485, 0.3649 by changing the saturation by 10% instead.

 70.5788, 0.3485,
0.3649

 70.5788, 0.3485,
0.3649


462.5797, 0.3319,
0.3483

 51.9985, 0.3523,
0.3687


 120.0338, 0.3427,
0.3591

 37.0039, 0.3570,
0.3734


151.6773, 0.3405,
0.3569

 25.2105, 0.3630,
0.3793


188.4440, 0.3385,
0.3549

 16.2340, 0.3707,
0.3870

230.7184, 0.3369,
0.3533

 9.6899, 0.3812,
0.3973

278.8847, 0.3354,
0.3518

 5.1938, 0.3960,
0.4119

333.3275, 0.3341,

 2.3614, 0.4189,

0.3505

0.4342

394.4310, 0.3329,
0.3493

0.8059, 0.4929,
0.5071

0.0000, 0.0000,
0.0000

70.5788, 0.3485,
0.3649

70.5788, 0.3485,
0.3649

65.6673, 0.3678,
0.3824

75.8577, 0.3308,
0.3477

61.1030, 0.3883,
0.3997

81.5048, 0.3148,
0.3312

56.8776, 0.4097,
0.4157

87.5327, 0.3004,
0.3157

52.9786, 0.4311,
0.4295

92.4052, 0.3000,
0.3229

■ 49.3925, 0.4516,
0.4400

■ 96.2381, 0.3000,
0.3290

■ 46.1041, 0.4701,
0.4459

■ 43.0956, 0.4856,
0.4468

■ 40.7000, 0.4967,
0.4438

Harmonies

Analogous

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



70.5788, 0.3570, 0.3518



70.5788, 0.3485, 0.3649



70.5788, 0.3304, 0.3685

Triad

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



70.5788, 0.3485, 0.3649



70.5788, 0.2739, 0.3222



70.5788, 0.3162, 0.3001

Complementary

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



70.5788, 0.3485, 0.3649



57.9435, 0.2782, 0.2903

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.



70.5788, 0.2941, 0.2923



70.5788, 0.3485, 0.3649



70.5788, 0.2703, 0.3041

Square

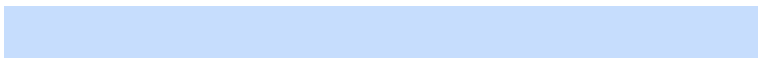
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5788, 0.3485, 0.3649



70.5788, 0.2875, 0.3432



70.5788, 0.2776, 0.2935



70.5788, 0.3380, 0.3150

Rectangle

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



70.5788, 0.3485, 0.3649



70.5788, 0.3156, 0.3645



70.5788, 0.2776, 0.2935



70.5788, 0.3085, 0.2966

Sweetspot

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



70.5820, 0.3485, 0.3649



95.7716, 0.3220, 0.3388



56.0342, 0.3411, 0.3098



20.4027, 0.3231, 0.3399



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.



70.5820, 0.3485, 0.3649



82.8626, 0.3575, 0.3732



78.5816, 0.3395, 0.3832



16.7123, 0.3276, 0.3445



23.1065, 0.4951, 0.4451



1.9917, 0.4819, 0.4555

Inverse Universe

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



57.9435, 0.2782, 0.2903



64.7358, 0.2700, 0.2804



51.3819, 0.2823, 0.2705



15.3881, 0.2980, 0.3130



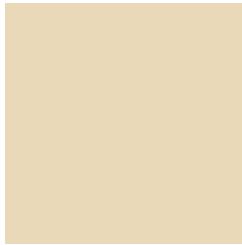
6.7512, 0.1639, 0.1101



0.7029, 0.1716, 0.1377

Previews

White Background



This preview shows how the Yxy color 70.5788, 0.3485, 0.3649 looks on a white background.

Color Contrast Check

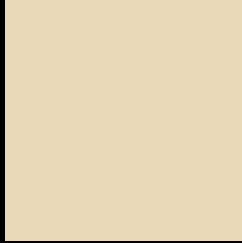
Large Text (above 18pt) WCAG AA × Fail

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 70.5788, 0.3485, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

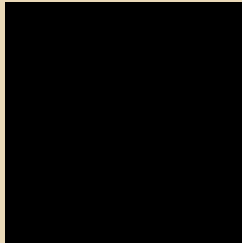
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.5788, 0.3485, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 70.5788, 0.3485, 0.3649.



This preview shows how white text looks on a background with the Yxy color 70.5788, 0.3485, 0.3649.

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

70.5788, 0.3485, 0.3649

Protanopia

70.4686, 0.3445, 0.3653

Deuteranopia

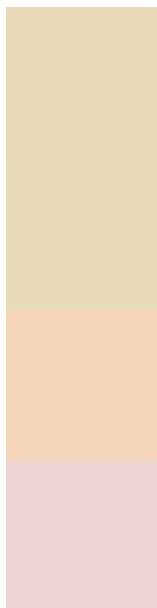
70.2914, 0.3635, 0.3552



Tritanopia

70.6598, 0.3231, 0.3124

Trichromacy



Original Color

70.5788, 0.3485, 0.3649

Protanomaly

70.6345, 0.3453, 0.3652

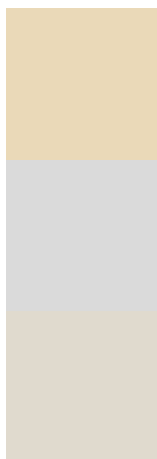
Deuteranomaly

70.5038, 0.3573, 0.3588

Tritanomaly

70.4688, 0.3328, 0.3312

Monochromacy



Original Color

70.5788, 0.3485, 0.3649

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4463, 0.3252, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5788, 0.3485, 0.3649 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(234, 217, 184)` looks like.

```
.text, #text, p{  
    color:rgb(234, 217, 184)  
}
```

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(234, 217, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 217, 184) }
```

Border

The CSS property to change the border of an element to Yxy 70.5788, 0.3485, 0.3649 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(234, 217, 184) }
```

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

```
.border{ border-color:rgb(234, 217, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 217, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 217, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 217, 184);  
box-shadow:4px 4px 4px 4px rgb(234, 217,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5788, 0.3485, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 217, 184) }
```

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

```
.background{ background-color: rgb(234,  
217, 184) }
```

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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