

Converting Colors

$Y_{xy}(70.7112, 0.3536, 0.3649)$

Have a look what the booklet for
Yxy(70.7112, 0.3536, 0.3649)
contains.

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Color

Yxy(70.8399, 0.3540, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	EFD8B6
RGB	239, 216, 182
RGB Percent	94%, 85%, 71%
CMY	0.0628, 0.1529, 0.2861
CMYK	0.00, 0.10, 0.24, 0.06
HSL	36°, 64%, 83%
HSV	36°, 24%, 94%
XYZ	68.5922, 70.8399, 54.3313
YIQ	219.0010, 24.6220, -5.6980

Conversions

Conversions Part 2

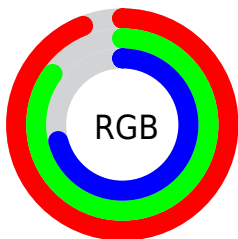
Format	Color
R _Y B	221, 239, 182
Decimal	15718582
CIE Lab	87.41, 2.77, 19.66
CIE LCh	87, 19.849, 81.991
Yxy	70.8399, 0.3540, 0.3656
Android (android.graphics.Color)	4293908662 (0xFFEFD8B6)
YUV	219.0010, -18.2415, 17.5391
Hunter-Lab	84.1664, -1.8210, 20.6435

Details

The Yxy color **70.8399, 0.3540, 0.3656** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.8405, 0.2743, 0.2894**, and the grayscale version is **70.9568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **37.0198, 0.3635, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **65.1431, 0.3746, 0.3816**, and if you desaturate by 10%, it is **77.0014, 0.3353, 0.3498**.

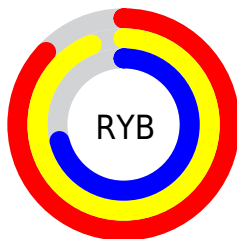
Distribution



Red (94%)

Green (85%)

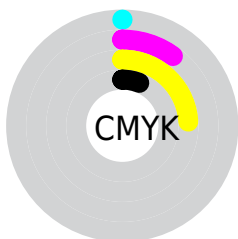
Blue (71%)



Red (87%)

Yellow (94%)

Blue (71%)

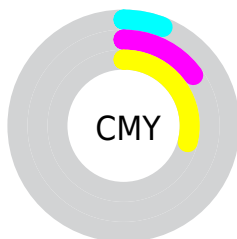


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8399, 0.3540, 0.3656 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 70.8399, 0.3540, 0.3656 by changing the saturation by 10% instead.


 70.8399, 0.3540,
0.3656

 70.8399, 0.3540,
0.3656

463.4936, 0.3348,
0.3488

 52.2116, 0.3584,
0.3694


 120.4057, 0.3473,
0.3598

 37.1737, 0.3638,
0.3741


152.1120, 0.3447,
0.3575

 25.3420, 0.3707,
0.3800


188.9464, 0.3425,
0.3556

 16.3321, 0.3796,
0.3875

231.2933, 0.3406,
0.3538

 9.7594, 0.3917,
0.3976

279.5370, 0.3388,
0.3523

 5.2397, 0.4088,
0.4116

334.0621, 0.3373,

 2.3886, 0.4357,

0.3510

0.4330

395.2528, 0.3360,
0.3498

0.8200, 0.5081,
0.4919

0.0000, 0.0000,
0.0000

70.8399, 0.3540,
0.3656

70.8399, 0.3540,
0.3656

65.1431, 0.3746,
0.3816

77.0014, 0.3353,
0.3498

59.8878, 0.3968,
0.3973

83.6307, 0.3186,
0.3346

55.0630, 0.4202,
0.4116

90.7432, 0.3038,
0.3203

50.6531, 0.4439,
0.4234

96.8065, 0.3029,
0.3285

■ 46.6414, 0.4668,
0.4316

■ 97.0864, 0.3029,
0.3290

■ 43.0088, 0.4876,
0.4350

■ 39.7335, 0.5052,
0.4331

■ 37.8725, 0.5145,
0.4297

Harmonies

Analogous

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



70.8399, 0.3607, 0.3500



70.8399, 0.3540, 0.3656



70.8399, 0.3361, 0.3719

Triad

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



70.8399, 0.3540, 0.3656



70.8399, 0.2730, 0.3259



70.8399, 0.3116, 0.2956

Complementary

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



70.8399, 0.3540, 0.3656



59.8405, 0.2743, 0.2894

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.



70.8399, 0.2886, 0.2889



70.8399, 0.3540, 0.3656



70.8399, 0.2669, 0.3053

Square

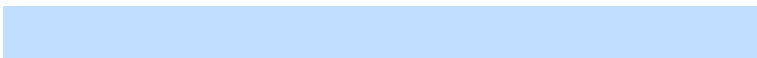
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8399, 0.3540, 0.3656



70.8399, 0.2894, 0.3485



70.8399, 0.2725, 0.2921



70.8399, 0.3358, 0.3104

Rectangle

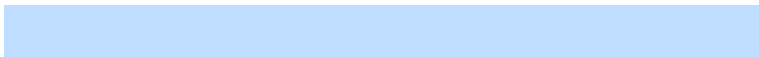
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.8399, 0.3540, 0.3656



70.8399, 0.3205, 0.3692



70.8399, 0.2725, 0.2921



70.8399, 0.3035, 0.2924

Sweetspot

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



70.8431, 0.3540, 0.3656



94.3961, 0.3238, 0.3394



56.2604, 0.3421, 0.3034



20.1040, 0.3247, 0.3403



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.



70.8431, 0.3540, 0.3656



78.5450, 0.3646, 0.3741



82.6286, 0.3453, 0.3892



17.3275, 0.3278, 0.3431



21.1980, 0.5126, 0.4312



1.9580, 0.4970, 0.4436

Inverse Universe

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



59.8405, 0.2743, 0.2894



63.5747, 0.2652, 0.2793



50.2369, 0.2754, 0.2623



16.2751, 0.2980, 0.3145



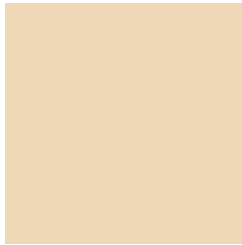
8.3469, 0.1687, 0.1273



0.8844, 0.1759, 0.1533

Previews

White Background



This preview shows how the Yxy color 70.8399, 0.3540, 0.3656 looks on a white background.

Color Contrast Check

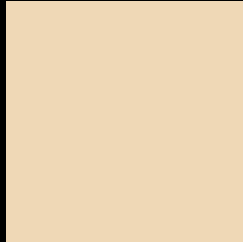
Large Text (above 18pt) WCAG AA × Fail

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 70.8399, 0.3540, 0.3656 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 70.8399, 0.3540, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 70.8399, 0.3540, 0.3656.



This preview shows how white text looks on a background with the Yxy color 70.8399, 0.3540, 0.3656.

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

70.8399, 0.3540, 0.3656

Protanopia

71.0709, 0.3465, 0.3684

Deuteranopia

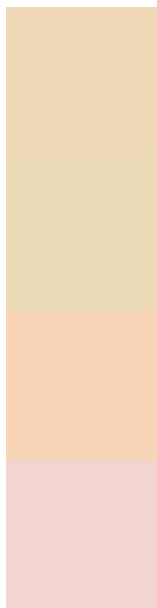
70.8901, 0.3656, 0.3582



Tritanopia

70.8173, 0.3269, 0.3125

Trichromacy



Original Color

70.8399, 0.3540, 0.3656

Protanomaly

71.0541, 0.3490, 0.3671

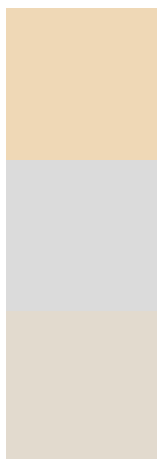
Deuteranomaly

70.9639, 0.3611, 0.3606

Tritanomaly

70.6174, 0.3367, 0.3312

Monochromacy



Original Color

70.8399, 0.3540, 0.3656

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7678, 0.3267, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8399, 0.3540, 0.3656 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(239, 216, 182)` looks like.

```
.text, #text, p{  
    color:rgb(239, 216, 182)  
}
```

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(239, 216, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 216, 182) }
```

Border

The CSS property to change the border of an element to Yxy 70.8399, 0.3540, 0.3656 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(239, 216, 182) }
```

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

```
.border{ border-color:rgb(239, 216, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 216, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 216, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 216, 182); box-shadow:4px 4px 4px 4px rgb(239, 216, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8399, 0.3540, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 216, 182) }
```

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

```
.background{ background-color: rgb(239,  
216, 182) }
```

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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