

Converting Colors

$Yxy(70.0874, 0.3678, 0.3951)$

Have a look what the booklet for
Yxy(70.0874, 0.3678, 0.3951)
contains.

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Color

Yxy(70.2393, 0.3682, 0.3953)

Conversions

Conversions Part 1

Format	Color
Hex	EBDA9D
RGB	235, 218, 157
RGB Percent	92%, 85%, 62%
CMY	0.0784, 0.1451, 0.3842
CMYK	0.00, 0.07, 0.33, 0.08
HSL	47°, 66%, 77%
HSV	47°, 33%, 92%
XYZ	65.4240, 70.2393, 42.0228
YIQ	216.1290, 29.7130, -15.3670

Conversions

Conversions Part 2

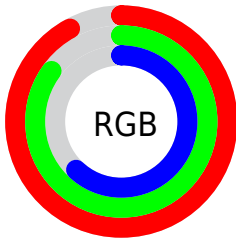
Format	Color
RYB	179, 235, 157
Decimal	15456925
CIELab	87.11, -2.99, 32.17
CIELCh	87, 32.307, 95.302
Yxy	70.2393, 0.3682, 0.3953
Android (android.graphics.Color)	4293647005 (0xFFEBDA9D)
YUV	216.1290, -29.1506, 16.5499
Hunter-Lab	83.8089, -7.3225, 28.9375

Details

The Yxy color **70.2393, 0.3682, 0.3953** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.4627, 0.2558, 0.2524**, and the grayscale version is **68.9539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **36.6793, 0.3807, 0.4106** is the 20% darker color. If you saturate the color by 10%, you get **66.8965, 0.3864, 0.4150**, and if you desaturate by 10%, it is **73.8253, 0.3504, 0.3750**.

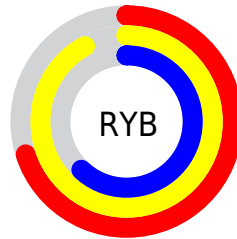
Distribution



Red (92%)

Green (85%)

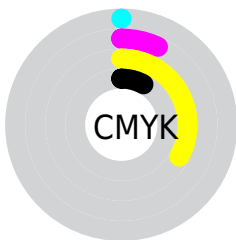
Blue (62%)



Red (70%)

Yellow (92%)

Blue (62%)

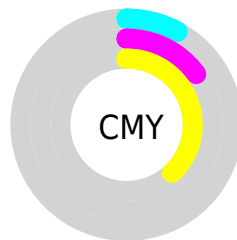


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (8%)



Cyan (8%)


Magenta (15%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2393, 0.3682, 0.3953 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 70.2393, 0.3682, 0.3953 by changing the saturation by 10% instead.


 70.2393, 0.3682,
0.3953


 70.2393, 0.3682,
0.3953

461.3898, 0.3428,
0.3646

 51.7216, 0.3738,
0.4022


 119.5499, 0.3595,
0.3847

 36.7833, 0.3807,
0.4107


 151.1117, 0.3561,
0.3805

 25.0397, 0.3892,
0.4213


187.7904, 0.3531,
0.3770

 16.1066, 0.3998,
0.4348

229.9702, 0.3505,
0.3738

 9.5997, 0.4133,
0.4523

278.0357, 0.3482,
0.3711

 5.1343, 0.4303,
0.4753

332.3712, 0.3462,

 2.3263, 0.4715,

0.3687

0.5285

393.3611, 0.3444,
0.3665

0.7876, 0.4618,
0.5382

0.0000, 0.0000,
0.0000

70.2393, 0.3682,
0.3953

70.2393, 0.3682,
0.3953

66.8965, 0.3864,
0.4150

73.8253, 0.3504,
0.3750

63.7775, 0.4045,
0.4330

77.6536, 0.3334,
0.3547

60.8751, 0.4216,
0.4484

81.7358, 0.3175,
0.3351

58.1776, 0.4369,
0.4601

86.0798, 0.3029,
0.3164

■ 55.6714, 0.4497,
0.4673

■ 89.3696, 0.3006,
0.3177

■ 53.3404, 0.4595,
0.4697

■ 92.4928, 0.3006,
0.3228

■ 51.8347, 0.4648,
0.4692

■ 95.7025, 0.3005,
0.3279

■ 96.4046, 0.3005,
0.3290

Harmonies

Analogous

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



70.2393, 0.3889, 0.3741



70.2393, 0.3682, 0.3953



70.2393, 0.3332, 0.3987

Triad

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



70.2393, 0.3682, 0.3953



70.2393, 0.2427, 0.3067



70.2393, 0.3283, 0.2851

Complementary

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



70.2393, 0.3682, 0.3953



43.4627, 0.2558, 0.2524

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.



70.2393, 0.2888, 0.2685



70.2393, 0.3682, 0.3953



70.2393, 0.2415, 0.2787

Square

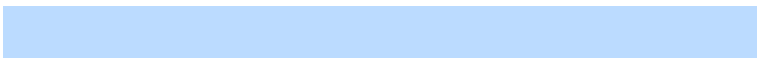
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2393, 0.3682, 0.3953



70.2393, 0.2613, 0.3444



70.2393, 0.2577, 0.2657



70.2393, 0.3655, 0.3118

Rectangle

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



70.2393, 0.3682, 0.3953



70.2393, 0.3068, 0.3884



70.2393, 0.2577, 0.2657



70.2393, 0.3148, 0.2782

Sweetspot

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



70.2425, 0.3682, 0.3953



94.9662, 0.3283, 0.3484



44.8950, 0.3718, 0.3086



20.1806, 0.3305, 0.3513



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.



70.2425, 0.3682, 0.3953



81.6923, 0.3810, 0.4092



76.1898, 0.3474, 0.4162



17.0368, 0.3273, 0.3473



29.0403, 0.4639, 0.4699



2.4182, 0.4565, 0.4757

Inverse Universe

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



43.4627, 0.2558, 0.2524



44.7524, 0.2424, 0.2330



39.5700, 0.2688, 0.2344



15.0818, 0.2980, 0.3100



4.8228, 0.1564, 0.0830



0.5175, 0.1633, 0.1079

Previews

White Background



This preview shows how the Yxy color 70.2393, 0.3682, 0.3953 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 70.2393, 0.3682, 0.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

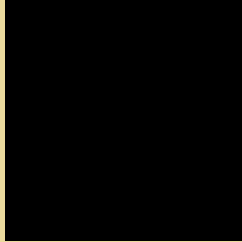
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.2393, 0.3682, 0.3953

Background



This preview shows how black text looks on a background with the Yxy color 70.2393, 0.3682, 0.3953.

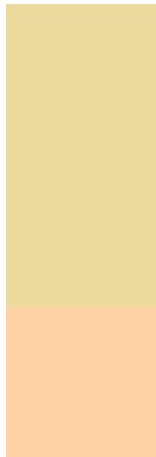


This preview shows how white text looks on a background with the Yxy color 70.2393, 0.3682, 0.3953.

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

70.2393, 0.3682, 0.3953

Protanopia

70.2393, 0.3682, 0.3953

Deuteranopia

70.1064, 0.3803, 0.3746



Tritanopia

70.0919, 0.3270, 0.3124

Trichromacy



Original Color

70.2393, 0.3682, 0.3953

Protanomaly

70.2393, 0.3682, 0.3953

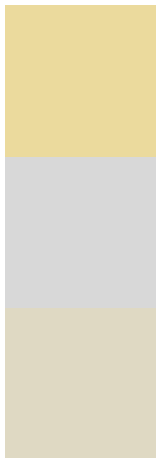
Deuteranomaly

70.1893, 0.3759, 0.3818

Tritanomaly

69.7824, 0.3425, 0.3419

Monochromacy



Original Color

70.2393, 0.3682, 0.3953

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.2538, 0.3323, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2393, 0.3682, 0.3953 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(235, 218, 157)` looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 157)  
}
```

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(235, 218, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 157) }
```

Border

The CSS property to change the border of an element to Yxy 70.2393, 0.3682, 0.3953 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(235, 218, 157) }
```

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

```
.border{ border-color:rgb(235, 218, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 218, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 157);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
157) }
```


Background

The CSS property to change the background color of an element to `rgb(70.2393, 0.3682, 0.3953)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 218, 157) }
```

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

```
.background{ background-color: rgb(235,  
218, 157) }
```

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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