

Converting Colors

$Yxy(70.4114, 0.3448, 0.3538)$

Have a look what the booklet for
Yxy(70.4114, 0.3448, 0.3538)
contains.

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Color

Yxy(70.2395, 0.3447, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	ECD7C0
RGB	236, 215, 192
RGB Percent	93%, 84%, 75%
CMY	0.0744, 0.1569, 0.2471
CMYK	0.00, 0.09, 0.19, 0.07
HSL	31°, 54%, 84%
HSV	31°, 19%, 93%
XYZ	68.4136, 70.2395, 59.8197
YIQ	218.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

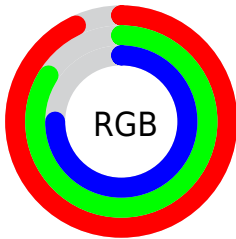
Format	Color
RYB	232, 236, 192
Decimal	15521728
CIELab	87.11, 3.64, 13.98
CIELCh	87, 14.445, 75.411
Yxy	70.2395, 0.3447, 0.3539
Android (android.graphics.Color)	4293711808 (0xFFECD7C0)
YUV	218.6570, -13.1419, 15.2098
Hunter-Lab	83.8090, -0.9557, 16.3474

Details

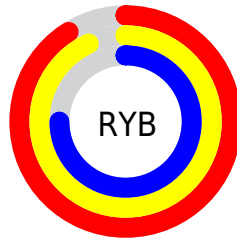
The Yxy color **70.2395, 0.3447, 0.3539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8683, 0.2832, 0.3028**, and the grayscale version is **70.6746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.7090, 0.3522, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **63.7334, 0.3651, 0.3680**, and if you desaturate by 10%, it is **77.3154, 0.3266, 0.3402**.

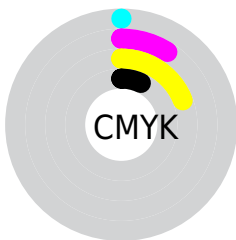
Distribution



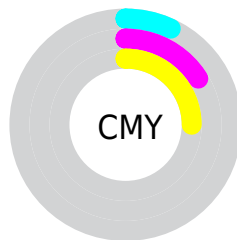
- Red (93%)
- Green (84%)
- Blue (75%)



- Red (91%)
- Yellow (93%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (7%)





- Cyan (7%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2395, 0.3447, 0.3539 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 70.2395, 0.3447, 0.3539 by changing the saturation by 10% instead.

 70.2395, 0.3447,
0.3539

 70.2395, 0.3447,
0.3539


461.3905, 0.3298,
0.3424

 51.7218, 0.3481,
0.3565


 119.5502, 0.3395,
0.3499

 36.7834, 0.3524,
0.3597

151.1121, 0.3375,
0.3484

 25.0398, 0.3579,
0.3638


187.7907, 0.3357,
0.3470

 16.1067, 0.3650,
0.3690

229.9706, 0.3342,
0.3459

 9.5997, 0.3748,
0.3761

278.0362, 0.3329,
0.3449

 5.1344, 0.3889,
0.3861

332.3717, 0.3317,

 2.3263, 0.4110,

0.3440

0.4010

393.3617, 0.3307,
0.3431

0.7876, 0.5153,
0.4847

0.0000, 0.0000,
0.0000

70.2395, 0.3447,
0.3539

70.2395, 0.3447,
0.3539

63.7334, 0.3651,
0.3680

77.3154, 0.3266,
0.3402

57.7718, 0.3879,
0.3821

84.9668, 0.3107,
0.3273

52.3410, 0.4128,
0.3955

92.6981, 0.3012,
0.3229

47.4232, 0.4391,
0.4071

96.5777, 0.3012,
0.3290

■ 42.9990, 0.4658,
0.4158

■ 39.0476, 0.4916,
0.4203

■ 35.5452, 0.5146,
0.4194

■ 32.4614, 0.5339,
0.4133

■ 32.0739, 0.5363,
0.4123

Harmonies

Analogous

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



70.2395, 0.3474, 0.3416



70.2395, 0.3447, 0.3539



70.2395, 0.3333, 0.3599

Triad

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



70.2395, 0.3447, 0.3539



70.2395, 0.2856, 0.3306



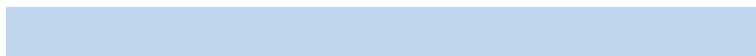
70.2395, 0.3081, 0.3027

Complementary

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



70.2395, 0.3447, 0.3539



64.8683, 0.2832, 0.3028

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.



70.2395, 0.2920, 0.2994



70.2395, 0.3447, 0.3539



70.2395, 0.2793, 0.3149

Square

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



70.2395, 0.3447, 0.3539



70.2395, 0.2991, 0.3464



70.2395, 0.2815, 0.3036



70.2395, 0.3259, 0.3125

Rectangle

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



70.2395, 0.3447, 0.3539



70.2395, 0.3224, 0.3592



70.2395, 0.2815, 0.3036



70.2395, 0.3023, 0.3008

Sweetspot

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



70.2426, 0.3447, 0.3539



94.4787, 0.3222, 0.3368



60.3551, 0.3322, 0.3061



20.0970, 0.3233, 0.3376



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.



70.2426, 0.3447, 0.3539



80.9770, 0.3515, 0.3587



81.5253, 0.3403, 0.3755



16.3560, 0.3280, 0.3413



17.9363, 0.5340, 0.4142



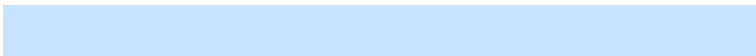
1.6010, 0.5138, 0.4302

Inverse Universe

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



64.8683, 0.2832, 0.3028



73.5769, 0.2776, 0.2973



55.0592, 0.2824, 0.2780



15.7360, 0.2981, 0.3164



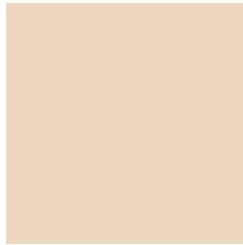
10.0713, 0.1752, 0.1506



0.9824, 0.1823, 0.1764

Previews

White Background



This preview shows how the Yxy color 70.2395, 0.3447, 0.3539 looks on a white background.

Color Contrast Check

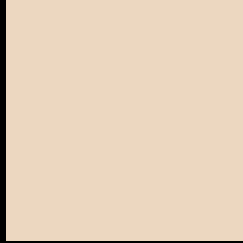
Large Text (above 18pt) WCAG AA × Fail

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 70.2395, 0.3447, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

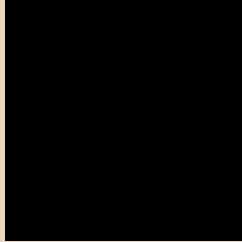
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.2395, 0.3447, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 70.2395, 0.3447, 0.3539.

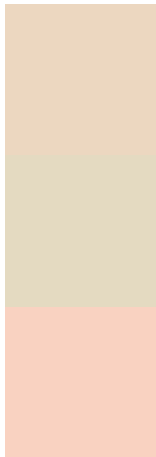


This preview shows how white text looks on a background with the Yxy color 70.2395, 0.3447, 0.3539.

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

70.2395, 0.3447, 0.3539

Protanopia

70.4870, 0.3373, 0.3565

Deuteranopia

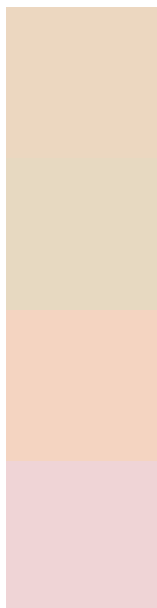
70.0832, 0.3551, 0.3469



Tritanopia

70.1094, 0.3239, 0.3123

Trichromacy



Original Color

70.2395, 0.3447, 0.3539

Protanomaly

70.4649, 0.3398, 0.3552

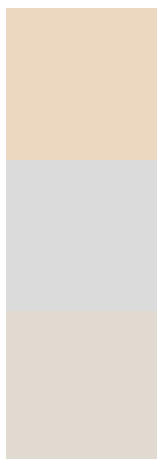
Deuteranomaly

70.1703, 0.3508, 0.3492

Tritanomaly

70.2927, 0.3315, 0.3269

Monochromacy



Original Color

70.2395, 0.3447, 0.3539

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7538, 0.3239, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2395, 0.3447, 0.3539 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(236, 215, 192)` looks like.

```
.text, #text, p{  
    color:rgb(236, 215, 192)  
}
```

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(236, 215, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 215, 192) }
```

Border

The CSS property to change the border of an element to Yxy 70.2395, 0.3447, 0.3539 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(236, 215, 192) }
```

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

```
.border{ border-color:rgb(236, 215, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 215, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 215, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 215, 192);  
box-shadow:4px 4px 4px 4px rgb(236, 215,  
192) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.2395, 0.3447, 0.3539$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 215, 192) }
```

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

```
.background{ background-color: rgb(236,  
215, 192) }
```

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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