

Converting Colors

$Yxy(70.9252, 0.3453, 0.3549)$

Have a look what the booklet for
Yxy(70.9252, 0.3453, 0.3549)
contains.

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Color

Yxy(70.9220, 0.3453, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	EDD8C0
RGB	237, 216, 192
RGB Percent	93%, 85%, 75%
CMY	0.0704, 0.1530, 0.2471
CMYK	0.00, 0.09, 0.19, 0.07
HSL	32°, 56%, 84%
HSV	32°, 19%, 93%
XYZ	69.0036, 70.9220, 59.9110
YIQ	219.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

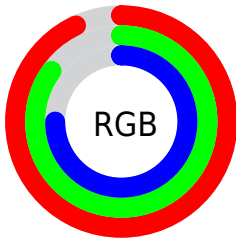
Format	Color
R _Y B	231, 237, 192
Decimal	15587520
CIE Lab	87.45, 3.49, 14.47
CIE LCh	87, 14.884, 76.447
Yxy	70.9220, 0.3453, 0.3549
Android (android.graphics.Color)	4293777600 (0xFFEDD8C0)
YUV	219.5430, -13.5787, 15.3098
Hunter-Lab	84.2152, -1.1187, 16.7715

Details

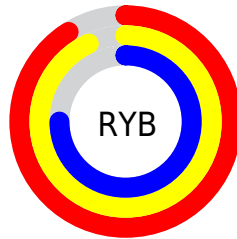
The Yxy color **70.9220, 0.3453, 0.3549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9246, 0.2826, 0.3017**, and the grayscale version is **71.3250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **37.1485, 0.3539, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **64.4742, 0.3657, 0.3693**, and if you desaturate by 10%, it is **77.9277, 0.3272, 0.3409**.

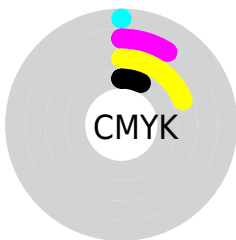
Distribution



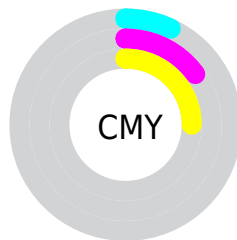
- Red (93%)
- Green (85%)
- Blue (75%)



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



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





- Cyan (7%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9220, 0.3453, 0.3549 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 70.9220, 0.3453, 0.3549 by changing the saturation by 10% instead.


 70.9220, 0.3453,
0.3549

 70.9220, 0.3453,
0.3549

463.7807, 0.3301,
0.3430

 52.2785, 0.3488,
0.3576


 120.5227, 0.3400,
0.3508

 37.2271, 0.3531,
0.3609


152.2486, 0.3380,
0.3492

 25.3834, 0.3586,
0.3651


189.1043, 0.3362,
0.3478

 16.3629, 0.3658,
0.3705

231.4739, 0.3347,
0.3466

 9.7813, 0.3757,
0.3779

279.7420, 0.3333,
0.3455

 5.2542, 0.3899,
0.3881

334.2929, 0.3321,

 2.3972, 0.4119,

0.3446

0.4034

395.5110, 0.3311,
0.3437

0.8244, 0.5132,
0.4868

0.0000, 0.0000,
0.0000

70.9220, 0.3453,
0.3549

70.9220, 0.3453,
0.3549

64.4742, 0.3657,
0.3693

77.9277, 0.3272,
0.3409

58.5593, 0.3884,
0.3837

85.4965, 0.3112,
0.3277

53.1639, 0.4130,
0.3973

93.1133, 0.3018,
0.3233

48.2705, 0.4390,
0.4090

96.7515, 0.3018,
0.3290

■ 43.8602, 0.4652,
0.4178

■ 39.9123, 0.4904,
0.4223

■ 36.4036, 0.5128,
0.4215

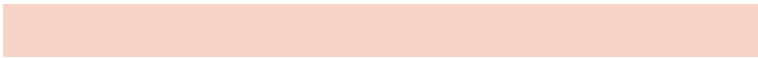
■ 33.3029, 0.5314,
0.4155

■ 33.0145, 0.5332,
0.4148

Harmonies

Analogous

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



70.9220, 0.3484, 0.3424



70.9220, 0.3453, 0.3549



70.9220, 0.3333, 0.3608

Triad

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



70.9220, 0.3453, 0.3549



70.9220, 0.2845, 0.3300



70.9220, 0.3086, 0.3022

Complementary

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



70.9220, 0.3453, 0.3549



64.9246, 0.2826, 0.3017

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.



70.9220, 0.2919, 0.2986



70.9220, 0.3453, 0.3549



70.9220, 0.2783, 0.3140

Square

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



70.9220, 0.3453, 0.3549



70.9220, 0.2982, 0.3464



70.9220, 0.2810, 0.3026



70.9220, 0.3269, 0.3125

Rectangle

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



70.9220, 0.3453, 0.3549



70.9220, 0.3221, 0.3598



70.9220, 0.2810, 0.3026



70.9220, 0.3026, 0.3002

Sweetspot

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



70.9252, 0.3453, 0.3549



94.5781, 0.3222, 0.3369



60.5463, 0.3326, 0.3056



20.1204, 0.3233, 0.3378



0.0000, 0.0000, 0.0000



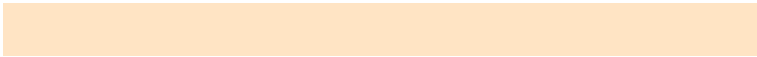
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9252, 0.3453, 0.3549



80.5308, 0.3534, 0.3608



82.2793, 0.3408, 0.3764



16.3832, 0.3279, 0.3416



18.2835, 0.5309, 0.4167



1.6281, 0.5112, 0.4323

Inverse Universe

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



64.9246, 0.2826, 0.3017



72.1775, 0.2759, 0.2950



55.1114, 0.2817, 0.2769



15.7089, 0.2980, 0.3161



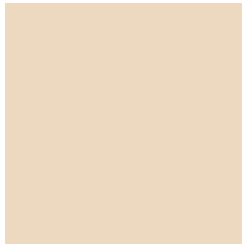
9.7677, 0.1742, 0.1472



0.9580, 0.1815, 0.1733

Previews

White Background



This preview shows how the Yxy color 70.9220, 0.3453, 0.3549 looks on a white background.

Color Contrast Check

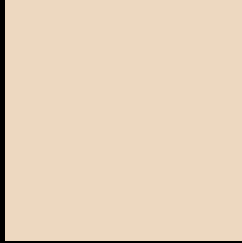
Large Text (above 18pt) WCAG AA × Fail

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 70.9220, 0.3453, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

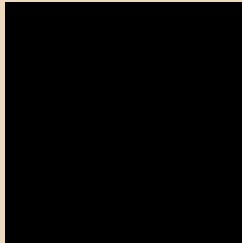
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9220, 0.3453, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 70.9220, 0.3453, 0.3549.

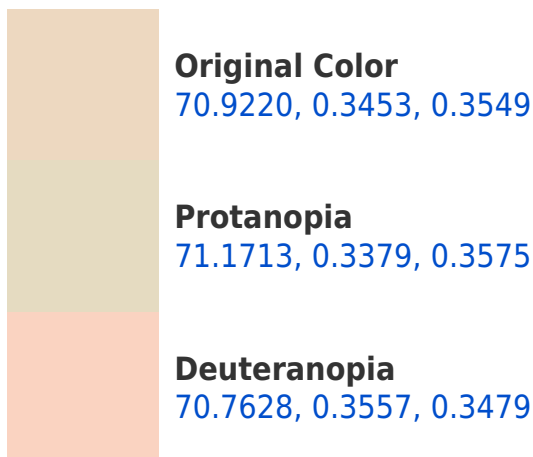


This preview shows how white text looks on a background with the Yxy color 70.9220, 0.3453, 0.3549.

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

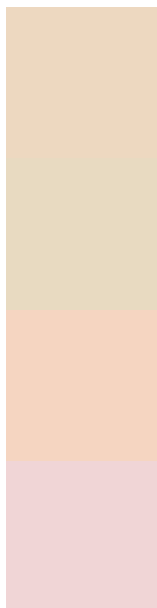




Tritanopia

71.0118, 0.3246, 0.3124

Trichromacy



Original Color

70.9220, 0.3453, 0.3549

Protanomaly

71.1489, 0.3403, 0.3562

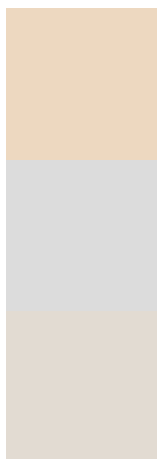
Deuteranomaly

70.8512, 0.3513, 0.3502

Tritanomaly

70.9688, 0.3322, 0.3280

Monochromacy



Original Color

70.9220, 0.3453, 0.3549

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4849, 0.3239, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9220, 0.3453, 0.3549 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(237, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 216, 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(237, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 216, 192) }
```

Border

The CSS property to change the border of an element to Yxy 70.9220, 0.3453, 0.3549 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(237, 216, 192) }
```

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

```
.border{ border-color:rgb(237, 216, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 216, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 216,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9220, 0.3453, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 216, 192) }
```

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

```
.background{ background-color: rgb(237,  
216, 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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