

Converting Colors

Yxy(69.7652, 0.3349, 0.3477)

Have a look what the booklet for
Yxy(69.7652, 0.3349, 0.3477)
contains.

Yxy(70.0582, 0.3349, 0.3476)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.0582, 0.3349, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	E6D8C7
RGB	230, 216, 199
RGB Percent	90%, 85%, 78%
CMY	0.0980, 0.1529, 0.2196
CMYK	0.00, 0.06, 0.13, 0.10
HSL	33°, 38%, 84%
HSV	33°, 13%, 90%
XYZ	67.4985, 70.0582, 63.9916
YIQ	218.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

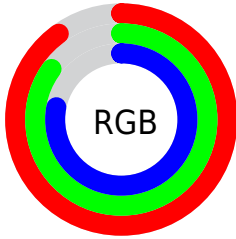
Format	Color
RYB	225, 230, 199
Decimal	15128775
CIELab	87.03, 2.01, 10.10
CIELCh	87, 10.302, 78.724
Yxy	70.0582, 0.3349, 0.3476
Android (android.graphics.Color)	4293318855 (0xFFE6D8C7)
YUV	218.2480, -9.4893, 10.3065
Hunter-Lab	83.7008, -2.5292, 13.2617

Details

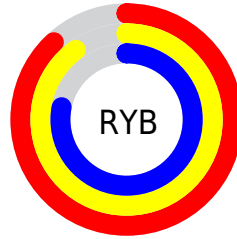
The Yxy color **70.0582, 0.3349, 0.3476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4407, 0.2916, 0.3097**, and the grayscale version is **70.3526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5327, 0.3401, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **63.9181, 0.3539, 0.3622**, and if you desaturate by 10%, it is **76.7023, 0.3181, 0.3337**.

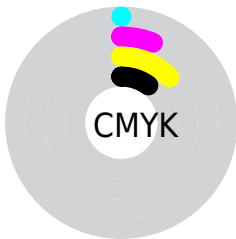
Distribution



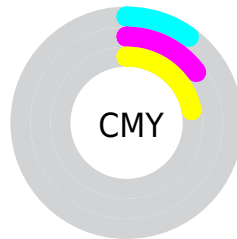
- Red (90%)
- Green (85%)
- Blue (78%)



- Red (88%)
- Yellow (90%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0582, 0.3349, 0.3476 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 70.0582, 0.3349, 0.3476 by changing the saturation by 10% instead.

 70.0582, 0.3349,
0.3476

 70.0582, 0.3349,
0.3476


460.7543, 0.3245,
0.3390

 51.5740, 0.3373,
0.3496


119.2917, 0.3313,
0.3446

 36.6656, 0.3403,
0.3520


150.8099, 0.3299,
0.3434

 24.9487, 0.3440,
0.3551


187.4414, 0.3287,
0.3424

 16.0388, 0.3490,
0.3592

229.5708, 0.3276,
0.3416

 9.5516, 0.3559,
0.3647

277.5824, 0.3267,
0.3408

 5.1027, 0.3658,
0.3726

331.8605, 0.3259,

 2.3077, 0.3817,

0.3401

392.7897, 0.3252,
0.3395

0.3850

0.7778, 0.4620,
0.4557

0.0000, 0.0000,
0.0000

70.0582, 0.3349,
0.3476

70.0582, 0.3349,
0.3476

63.9181, 0.3539,
0.3622

76.7023, 0.3181,
0.3337

58.2593, 0.3750,
0.3770

83.8539, 0.3033,
0.3206

53.0708, 0.3982,
0.3915

90.6628, 0.2975,
0.3211

48.3377, 0.4230,
0.4047

95.5643, 0.2976,
0.3290

■ 44.0439, 0.4486,
0.4157

■ 40.1719, 0.4738,
0.4231

■ 36.7025, 0.4971,
0.4257

■ 33.6135, 0.5171,
0.4229

■ 31.7871, 0.5284,
0.4187

Harmonies

Analogous

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



70.0582, 0.3375, 0.3393



70.0582, 0.3349, 0.3476



70.0582, 0.3263, 0.3511

Triad

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



70.0582, 0.3349, 0.3476



70.0582, 0.2925, 0.3290



70.0582, 0.3109, 0.3106

Complementary

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



70.0582, 0.3349, 0.3476



65.4407, 0.2916, 0.3097

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.



70.0582, 0.2990, 0.3077



70.0582, 0.3349, 0.3476



70.0582, 0.2886, 0.3180

Square

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



70.0582, 0.3349, 0.3476



70.0582, 0.3018, 0.3402



70.0582, 0.2909, 0.3103



70.0582, 0.3235, 0.3182

Rectangle

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



70.0582, 0.3349, 0.3476



70.0582, 0.3184, 0.3500



70.0582, 0.2909, 0.3103



70.0582, 0.3067, 0.3090

Sweetspot

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



70.0613, 0.3349, 0.3476



96.4572, 0.3189, 0.3344



62.4950, 0.3264, 0.3132



20.5057, 0.3201, 0.3354



0.0000, 0.0000, 0.0000



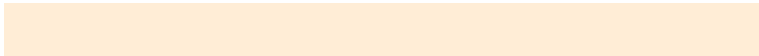
21.4041, 0.3127, 0.3290

Same Dimension

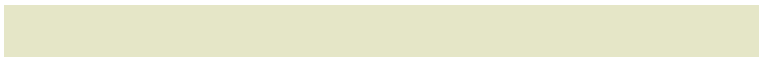
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0613, 0.3349, 0.3476



86.4501, 0.3396, 0.3514



77.3750, 0.3321, 0.3624



15.6718, 0.3279, 0.3419



18.2424, 0.5262, 0.4204



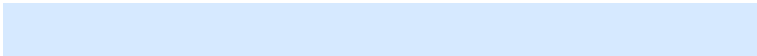
1.5331, 0.5064, 0.4361

Inverse Universe

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



65.4407, 0.2916, 0.3097



79.6098, 0.2874, 0.3056



58.8393, 0.2919, 0.2934



14.9535, 0.2981, 0.3158



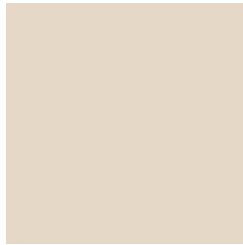
9.0589, 0.1729, 0.1424



0.8529, 0.1807, 0.1704

Previews

White Background



This preview shows how the Yxy color 70.0582, 0.3349, 0.3476 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 70.0582, 0.3349, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

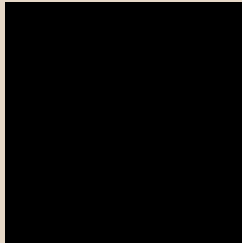
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

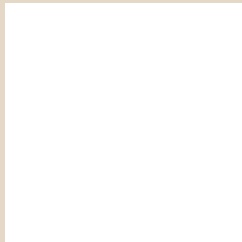
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0582, 0.3349, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 70.0582, 0.3349, 0.3476.

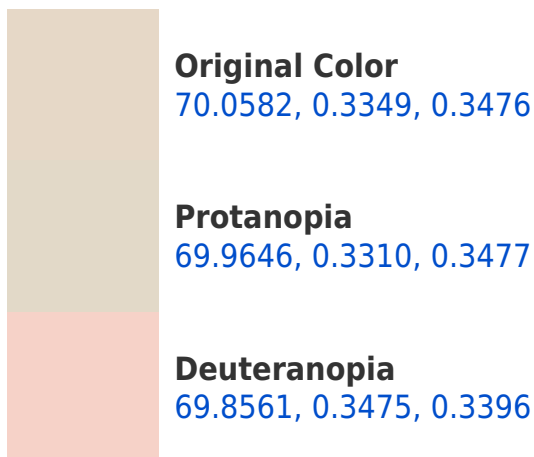


This preview shows how white text looks on a background with the Yxy color 70.0582, 0.3349, 0.3476.

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

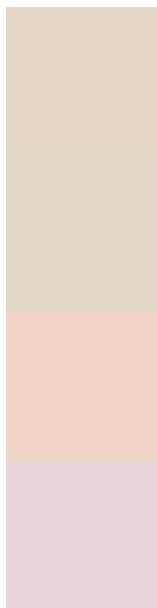




Tritanopia

70.1808, 0.3179, 0.3121

Trichromacy



Original Color

70.0582, 0.3349, 0.3476

Protanomaly

70.1267, 0.3318, 0.3477

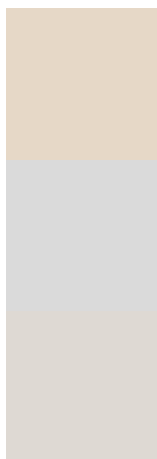
Deuteranomaly

69.7824, 0.3425, 0.3419

Tritanomaly

69.9219, 0.3248, 0.3248

Monochromacy



Original Color

70.0582, 0.3349, 0.3476

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8585, 0.3204, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0582, 0.3349, 0.3476 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(230, 216, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 216, 199)  
}
```

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(230, 216, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 216, 199) }
```

Border

The CSS property to change the border of an element to Yxy 70.0582, 0.3349, 0.3476 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(230, 216, 199) }
```

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

```
.border{ border-color:rgb(230, 216, 199) }
```

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

Here you see how a box with a 4 pixel rgb(230, 216, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 216, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 216, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 216,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0582, 0.3349, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 216, 199) }
```

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

```
.background{ background-color: rgb(230,  
216, 199) }
```

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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