

Converting Colors

$Y_{xy}(75.0011, 0.3365, 0.3470)$

Have a look what the booklet for
Yxy(75.0011, 0.3365, 0.3470)
contains.

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Color

Yxy(75.0011, 0.3365, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	EFDECD
RGB	239, 222, 205
RGB Percent	94%, 87%, 80%
CMY	0.0629, 0.1294, 0.1960
CMYK	0.00, 0.07, 0.14, 0.06
HSL	30°, 51%, 87%
HSV	30°, 14%, 94%
XYZ	72.7316, 75.0011, 68.4088
YIQ	225.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

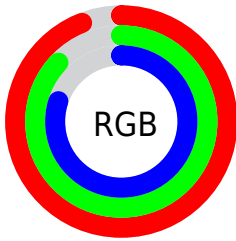
Format	Color
R _Y B	239, 239, 205
Decimal	15720141
CIE Lab	89.39, 3.05, 10.42
CIE LCh	89, 10.854, 73.682
Yxy	75.0011, 0.3365, 0.3470
Android (android.graphics.Color)	4293910221 (0xFFEFDECD)
YUV	225.1450, -9.9315, 12.1508
Hunter-Lab	86.6032, -1.6466, 13.7884

Details

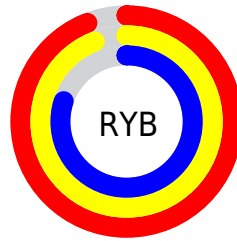
The Yxy color **75.0011, 0.3365, 0.3470** is a light color, and the websafe version is hex **CCCCCC**, and the color name is **almond**. A complement of this color would be **71.4400, 0.2905, 0.3103**, and the grayscale version is **75.4695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9391, 0.3421, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **67.8195, 0.3561, 0.3604**, and if you desaturate by 10%, it is **82.8145, 0.3193, 0.3342**.

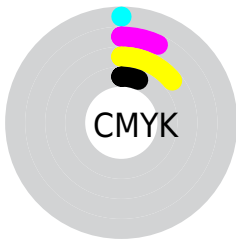
Distribution



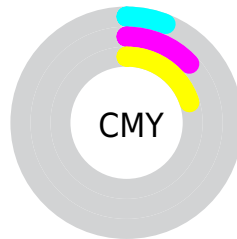
- Red (94%)
- Green (87%)
- Blue (80%)



- Red (94%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0011, 0.3365, 0.3470 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 75.0011, 0.3365, 0.3470 by changing the saturation by 10% instead.

 75.0011, 0.3365,
0.3470

 75.0011, 0.3365,
0.3470

477.9214, 0.3255,
0.3388

 55.6138, 0.3390,
0.3489


126.3139, 0.3327,
0.3442

 39.8934, 0.3421,
0.3511


159.0082, 0.3312,
0.3431

 27.4554, 0.3460,
0.3540


196.9070, 0.3299,
0.3421

 17.9155, 0.3511,
0.3577

240.3946, 0.3288,
0.3413

 10.8894, 0.3581,
0.3627

289.8554, 0.3278,
0.3405

 5.9925, 0.3681,
0.3697

345.6739, 0.3270,

 2.8405, 0.3836,

0.3399

0.3803

408.2344, 0.3262,
0.3393

■ 1.0490, 0.4270,
0.4137

■ 0.0000, 1.0000,
0.0000

■ 75.0011, 0.3365,
0.3470

■ 75.0011, 0.3365,
0.3470

■ 67.8195, 0.3561,
0.3604

■ 82.8145, 0.3193,
0.3342

■ 61.2424, 0.3782,
0.3741

■ 91.2659, 0.3043,
0.3221

■ 55.2550, 0.4027,
0.3874

■ 97.0861, 0.3029,
0.3290

■ 49.8383, 0.4292,
0.3994

■ 44.9715, 0.4569,
0.4091

■ 40.6327, 0.4844,
0.4150

■ 36.7972, 0.5099,
0.4161

■ 33.4371, 0.5318,
0.4117

■ 31.6899, 0.5429,
0.4071

Harmonies

Analogous

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



75.0011, 0.3380, 0.3378



75.0011, 0.3365, 0.3470



75.0011, 0.3285, 0.3516

Triad

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



75.0011, 0.3365, 0.3470



75.0011, 0.2932, 0.3310



75.0011, 0.3087, 0.3092

Complementary

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



75.0011, 0.3365, 0.3470



71.4400, 0.2905, 0.3103

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.



75.0011, 0.2969, 0.3071



75.0011, 0.3365, 0.3470



75.0011, 0.2881, 0.3194

Square

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



75.0011, 0.3365, 0.3470



75.0011, 0.3035, 0.3423



75.0011, 0.2894, 0.3107



75.0011, 0.3218, 0.3163

Rectangle

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



75.0011, 0.3365, 0.3470



75.0011, 0.3207, 0.3512



75.0011, 0.2894, 0.3107



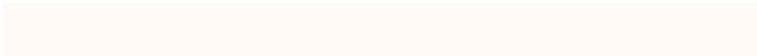
75.0011, 0.3044, 0.3079

Sweetspot

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



75.0044, 0.3365, 0.3470



96.1532, 0.3190, 0.3339



67.2890, 0.3265, 0.3111



20.4288, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



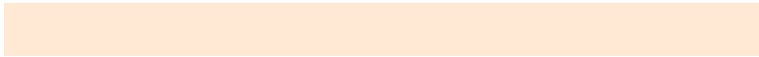
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0044, 0.3365, 0.3470



84.4725, 0.3418, 0.3508



84.4718, 0.3340, 0.3642



17.0663, 0.3281, 0.3408



17.7796, 0.5405, 0.4091



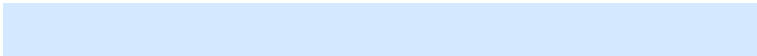
1.6781, 0.5203, 0.4251

Inverse Universe

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



71.4400, 0.2905, 0.3103



79.6125, 0.2859, 0.3062



62.8810, 0.2898, 0.2912



16.5330, 0.2980, 0.3169



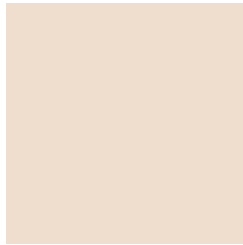
11.0448, 0.1771, 0.1576



1.1178, 0.1838, 0.1815

Previews

White Background



This preview shows how the Yxy color 75.0011, 0.3365, 0.3470 looks on a white background.

Color Contrast Check

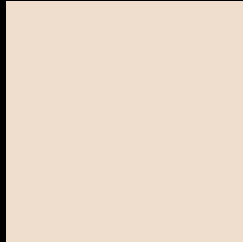
Large Text (above 18pt) WCAG AA × Fail

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 75.0011, 0.3365, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

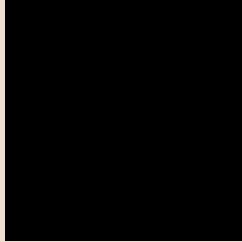
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0011, 0.3365, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 75.0011, 0.3365, 0.3470.

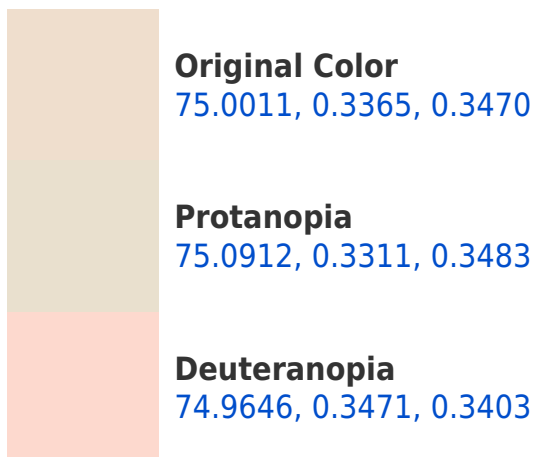


This preview shows how white text looks on a background with the Yxy color 75.0011, 0.3365, 0.3470.

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

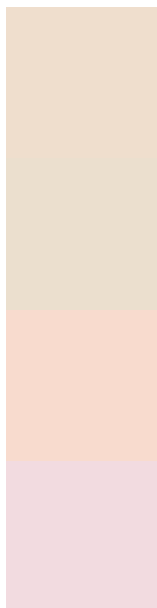




Tritanopia

75.1957, 0.3193, 0.3117

Trichromacy



Original Color

75.0011, 0.3365, 0.3470

Protanomaly

74.8938, 0.3327, 0.3471

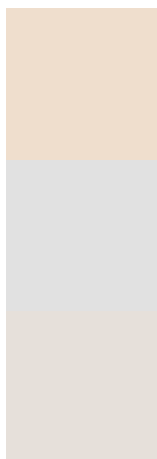
Deuteranomaly

75.0757, 0.3430, 0.3425

Tritanomaly

74.9221, 0.3260, 0.3239

Monochromacy



Original Color

75.0011, 0.3365, 0.3470

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1963, 0.3209, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0011, 0.3365, 0.3470 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, 222, 205)` looks like.

```
.text, #text, p{  
    color:rgb(239, 222, 205)  
}
```

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, 222, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 222, 205) }
```

Border

The CSS property to change the border of an element to Yxy 75.0011, 0.3365, 0.3470 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, 222, 205) }
```

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

```
.border{ border-color:rgb(239, 222, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 222, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 222, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 222, 205);  
box-shadow:4px 4px 4px 4px rgb(239, 222,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0011, 0.3365, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 222, 205) }
```

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

```
.background{ background-color: rgb(239,  
222, 205) }
```

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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