

Converting Colors

Yxy(69.3401, 0.3480, 0.3596)

Have a look what the booklet for
Yxy(69.3401, 0.3480, 0.3596)
contains.

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Color

Yxy(69.3005, 0.3485, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	EBD6BA
RGB	235, 214, 186
RGB Percent	92%, 84%, 73%
CMY	0.0783, 0.1608, 0.2706
CMYK	0.00, 0.09, 0.21, 0.08
HSL	34°, 55%, 83%
HSV	34°, 21%, 92%
XYZ	67.1800, 69.3005, 56.2886
YIQ	217.0870, 21.5040, -4.2560

Conversions

Conversions Part 2

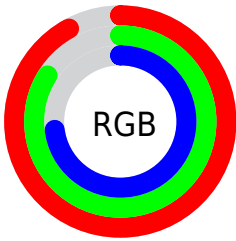
Format	Color
R _Y B	223, 235, 186
Decimal	15455930
CIE Lab	86.65, 2.92, 16.47
CIE LCh	87, 16.728, 79.953
Yxy	69.3005, 0.3485, 0.3595
Android (android.graphics.Color)	4293646010 (0xFFEBD6BA)
YUV	217.0870, -15.3259, 15.7097
Hunter-Lab	83.2469, -1.6331, 18.1831

Details

The Yxy color **69.3005, 0.3485, 0.3595** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.0880, 0.2794, 0.2965**, and the grayscale version is **69.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.0734, 0.3573, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **63.4359, 0.3688, 0.3749**, and if you desaturate by 10%, it is **75.6520, 0.3302, 0.3445**.

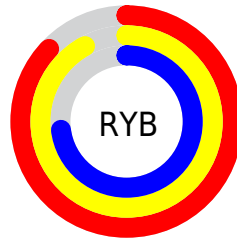
Distribution



Red (92%)

Green (84%)

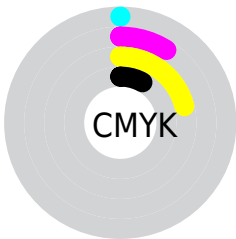
Blue (73%)



Red (87%)

Yellow (92%)

Blue (73%)

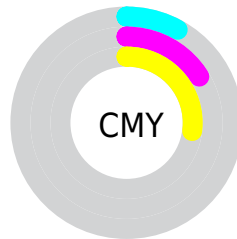


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3005, 0.3485, 0.3595 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 69.3005, 0.3485, 0.3595 by changing the saturation by 10% instead.

 69.3005, 0.3485,
0.3595

 69.3005, 0.3485,
0.3595

458.0901, 0.3318,
0.3454

 50.9565, 0.3524,
0.3627


 118.2107, 0.3427,
0.3546

 36.1740, 0.3571,
0.3667


149.5456, 0.3404,
0.3527

 24.5686, 0.3632,
0.3717


185.9797, 0.3385,
0.3511

 15.7559, 0.3712,
0.3782

227.8972, 0.3368,
0.3496

 9.3516, 0.3821,
0.3869

275.6826, 0.3353,
0.3484

 4.9712, 0.3977,
0.3992

329.7203, 0.3340,

 2.2304, 0.4221,

0.3473

0.4176

390.3947, 0.3328,
0.3463

0.7365, 0.5115,
0.4885

0.0000, 0.0000,
0.0000

69.3005, 0.3485,
0.3595

69.3005, 0.3485,
0.3595

63.4359, 0.3688,
0.3749

75.6520, 0.3302,
0.3445

58.0352, 0.3911,
0.3901

82.4940, 0.3140,
0.3302

53.0869, 0.4149,
0.4043

89.7443, 0.3006,
0.3183

48.5755, 0.4396,
0.4164

95.9907, 0.3006,
0.3283

■ 44.4840, 0.4640,
0.4253

■ 96.4091, 0.3006,
0.3290

■ 40.7939, 0.4868,
0.4297

■ 37.4840, 0.5067,
0.4288

■ 34.7647, 0.5220,
0.4238

Harmonies

Analogous

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



69.3005, 0.3534, 0.3459



69.3005, 0.3485, 0.3595



69.3005, 0.3339, 0.3653

Triad

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



69.3005, 0.3485, 0.3595



69.3005, 0.2795, 0.3278



69.3005, 0.3104, 0.2998

Complementary

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



69.3005, 0.3485, 0.3595



61.0880, 0.2794, 0.2965

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.



69.3005, 0.2911, 0.2947



69.3005, 0.3485, 0.3595



69.3005, 0.2737, 0.3100

Square

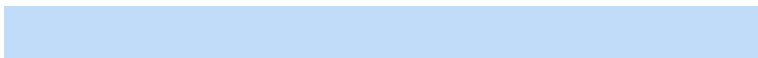
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3005, 0.3485, 0.3595



69.3005, 0.2941, 0.3467



69.3005, 0.2778, 0.2982



69.3005, 0.3310, 0.3121

Rectangle

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



69.3005, 0.3485, 0.3595



69.3005, 0.3208, 0.3634



69.3005, 0.2778, 0.2982



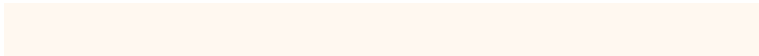
69.3005, 0.3036, 0.2972

Sweetspot

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



69.3036, 0.3485, 0.3595



94.9351, 0.3221, 0.3375



57.3038, 0.3369, 0.3059



20.2048, 0.3232, 0.3384



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.



69.3036, 0.3485, 0.3595



80.3212, 0.3569, 0.3660



80.1025, 0.3418, 0.3814



16.4815, 0.3279, 0.3424



19.5992, 0.5199, 0.4254



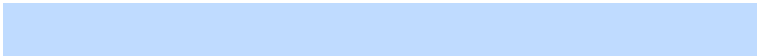
1.7294, 0.5022, 0.4395

Inverse Universe

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



61.0880, 0.2794, 0.2965



68.7889, 0.2723, 0.2889



51.9712, 0.2801, 0.2715



15.6120, 0.2980, 0.3152



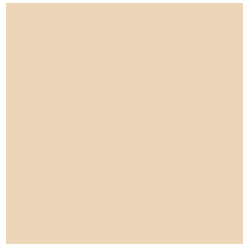
8.7451, 0.1709, 0.1353



0.8742, 0.1784, 0.1622

Previews

White Background



This preview shows how the Yxy color 69.3005, 0.3485, 0.3595 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 69.3005, 0.3485, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

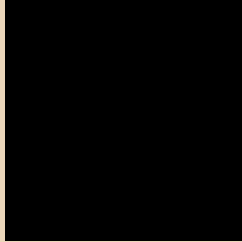
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3005, 0.3485, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 69.3005, 0.3485, 0.3595.



This preview shows how white text looks on a background with the Yxy color 69.3005, 0.3485, 0.3595.

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

69.3005, 0.3485, 0.3595

Protanopia

69.1936, 0.3419, 0.3611

Deuteranopia

69.3285, 0.3599, 0.3522



Tritanopia

69.0733, 0.3248, 0.3112

Trichromacy



Original Color

69.3005, 0.3485, 0.3595

Protanomaly

69.1777, 0.3444, 0.3598

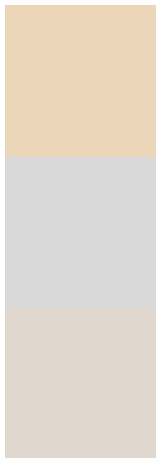
Deuteranomaly

69.4095, 0.3555, 0.3546

Tritanomaly

68.9735, 0.3332, 0.3280

Monochromacy



Original Color

69.3005, 0.3485, 0.3595

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4153, 0.3254, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3005, 0.3485, 0.3595 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, 214, 186)` looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 186)  
}
```

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, 214, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.3005, 0.3485, 0.3595 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, 214, 186) }
```

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

```
.border{ border-color:rgb(235, 214, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 214, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 186);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3005, 0.3485, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 186) }
```

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

```
.background{ background-color: rgb(235,  
214, 186) }
```

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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