

Converting Colors

Yxy(69.9463, 0.3399, 0.3619)

Have a look what the booklet for
Yxy(69.9463, 0.3399, 0.3619)
contains.

Yxy(70.1045, 0.3401, 0.3622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.1045, 0.3401, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	E3DABC
RGB	227, 218, 188
RGB Percent	89%, 85%, 74%
CMY	0.1098, 0.1451, 0.2629
CMYK	0.00, 0.04, 0.17, 0.11
HSL	46°, 41%, 81%
HSV	46°, 17%, 89%
XYZ	65.8270, 70.1045, 57.6204
YIQ	217.2710, 14.9940, -7.4220

Conversions

Conversions Part 2

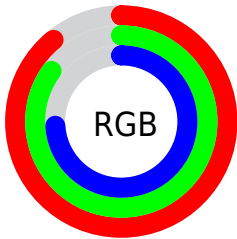
Format	Color
R _Y B	200, 227, 188
Decimal	14932668
CIE Lab	87.05, -1.80, 15.90
CIE LCh	87, 15.999, 96.447
Yxy	70.1045, 0.3401, 0.3622
Android (android.graphics.Color)	4293122748 (0xFFE3DABC)
YUV	217.2710, -14.4306, 8.5323
Hunter-Lab	83.7284, -6.1887, 17.8076

Details

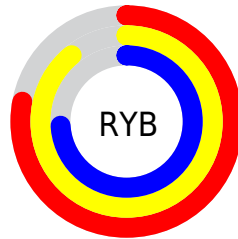
The Yxy color **70.1045, 0.3401, 0.3622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.1562, 0.2851, 0.2935**, and the grayscale version is **69.6781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **36.6016, 0.3459, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **66.5307, 0.3576, 0.3822**, and if you desaturate by 10%, it is **73.9244, 0.3237, 0.3426**.

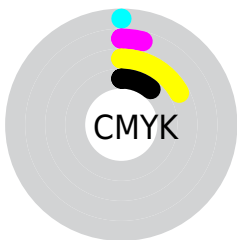
Distribution



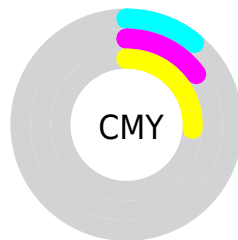
- Red (89%)
- Green (85%)
- Blue (74%)



- Red (78%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (11%)





- Cyan (11%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1045, 0.3401, 0.3622 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 70.1045, 0.3401, 0.3622 by changing the saturation by 10% instead.

 70.1045, 0.3401,
0.3622

 70.1045, 0.3401,
0.3622


460.9168, 0.3274,
0.3467

 51.6117, 0.3430,
0.3658


 119.3578, 0.3357,
0.3568

 36.6957, 0.3466,
0.3702


150.8871, 0.3340,
0.3547

 24.9720, 0.3512,
0.3758


187.5306, 0.3325,
0.3529

 16.0562, 0.3571,
0.3832

229.6729, 0.3312,
0.3513

 9.5639, 0.3651,
0.3933

277.6983, 0.3301,
0.3499

 5.1108, 0.3766,
0.4079

331.9911, 0.3291,

 2.3124, 0.3939,

0.3487

0.4305

392.9358, 0.3282,
0.3477

■ 0.7803, 0.4721,
0.5279

■ 0.0000, 0.0000,
0.0000

■ 70.1045, 0.3401,
0.3622

■ 70.1045, 0.3401,
0.3622

■ 66.5307, 0.3576,
0.3822

■ 73.9244, 0.3237,
0.3426

■ 63.1856, 0.3758,
0.4021

■ 77.9885, 0.3086,
0.3239

■ 60.0638, 0.3943,
0.4210

■ 82.2378, 0.2955,
0.3073

■ 57.1562, 0.4124,
0.4379

■ 85.2596, 0.2956,
0.3127

■ 54.4524, 0.4293,
0.4517

■ 88.3703, 0.2956,
0.3181

■ 51.9410, 0.4441,
0.4616

■ 91.5705, 0.2957,
0.3234

■ 49.6087, 0.4563,
0.4667

■ 94.8611, 0.2958,
0.3286

■ 47.4383, 0.4654,
0.4671

■ 95.0730, 0.2958,
0.3290

■ 46.8517, 0.4677,
0.4668

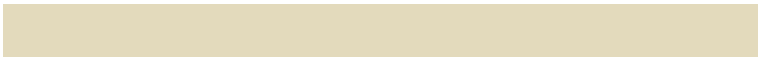
Harmonies

Analogous

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



70.1045, 0.3502, 0.3530



70.1045, 0.3401, 0.3622



70.1045, 0.3228, 0.3624

Triad

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



70.1045, 0.3401, 0.3622



70.1045, 0.2768, 0.3181



70.1045, 0.3216, 0.3069

Complementary

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



70.1045, 0.3401, 0.3622



56.1562, 0.2851, 0.2935

Split Complementary

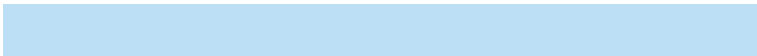
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1045, 0.3018, 0.2980



70.1045, 0.3401, 0.3622



70.1045, 0.2765, 0.3038

Square

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



70.1045, 0.3401, 0.3622



70.1045, 0.2865, 0.3362



70.1045, 0.2855, 0.2967



70.1045, 0.3394, 0.3213

Rectangle

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



70.1045, 0.3401, 0.3622



70.1045, 0.3096, 0.3569



70.1045, 0.2855, 0.2967



70.1045, 0.3149, 0.3032

Sweetspot

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



70.1076, 0.3401, 0.3622



97.3433, 0.3203, 0.3385



56.3209, 0.3382, 0.3188



20.7570, 0.3214, 0.3398



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.



70.1076, 0.3401, 0.3622



89.3872, 0.3469, 0.3701



73.2652, 0.3309, 0.3727



16.2237, 0.3273, 0.3470



27.5058, 0.4668, 0.4675



2.1702, 0.4585, 0.4742

Inverse Universe

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



56.1562, 0.2851, 0.2935



67.6944, 0.2782, 0.2843



53.5574, 0.2924, 0.2835



14.4240, 0.2980, 0.3104



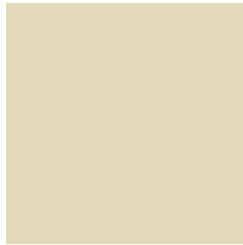
4.8331, 0.1571, 0.0854



0.4963, 0.1646, 0.1125

Previews

White Background



This preview shows how the Yxy color 70.1045, 0.3401, 0.3622 looks on a white background.

Color Contrast Check

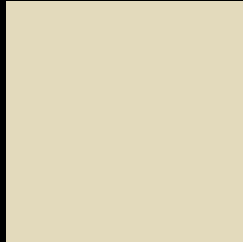
Large Text (above 18pt) WCAG AA × Fail

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 70.1045, 0.3401, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

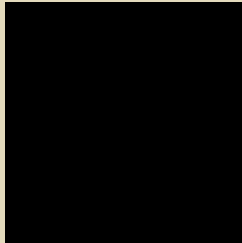
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

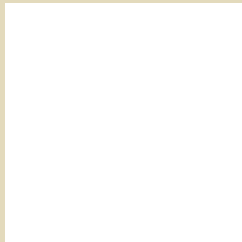
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1045, 0.3401, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 70.1045, 0.3401, 0.3622.

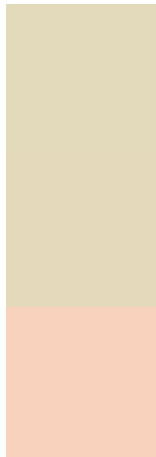


This preview shows how white text looks on a background with the Yxy color 70.1045, 0.3401, 0.3622.

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

70.1045, 0.3401, 0.3622

Protanopia

69.9146, 0.3418, 0.3609

Deuteranopia

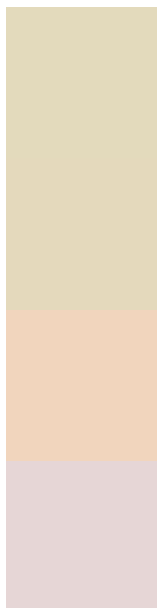
69.9506, 0.3574, 0.3501



Tritanopia

69.8999, 0.3158, 0.3110

Trichromacy



Original Color

70.1045, 0.3401, 0.3622

Protanomaly

69.7505, 0.3410, 0.3610

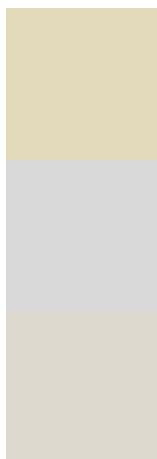
Deuteranomaly

69.9634, 0.3512, 0.3548

Tritanomaly

69.7712, 0.3245, 0.3290

Monochromacy



Original Color

70.1045, 0.3401, 0.3622

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4541, 0.3231, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1045, 0.3401, 0.3622 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(227, 218, 188)` looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 188)  
}
```

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(227, 218, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 188) }
```

Border

The CSS property to change the border of an element to Yxy 70.1045, 0.3401, 0.3622 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(227, 218, 188) }
```

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

```
.border{ border-color:rgb(227, 218, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 218, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 188);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1045, 0.3401, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 188) }
```

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

```
.background{ background-color: rgb(227,  
218, 188) }
```

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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