

Converting Colors

Yxy(69.4230, 0.3661, 0.4099)

Have a look what the booklet for
Yxy(69.4230, 0.3661, 0.4099)
contains.

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Color

Yxy(69.3005, 0.3665, 0.4102)

Conversions

Conversions Part 1

Format	Color
Hex	E1DC93
RGB	225, 220, 147
RGB Percent	88%, 86%, 58%
CMY	0.1176, 0.1373, 0.4234
CMYK	0.00, 0.02, 0.35, 0.12
HSL	56°, 57%, 73%
HSV	56°, 35%, 88%
XYZ	61.9177, 69.3005, 37.7250
YIQ	213.1730, 26.4130, -21.6430

Conversions

Conversions Part 2

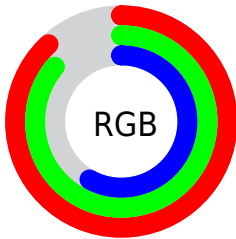
Format	Color
R _{YB}	152, 225, 147
Decimal	14802067
CIE Lab	86.65, -9.03, 36.52
CIE LCh	87, 37.616, 103.888
Yxy	69.3005, 0.3665, 0.4102
Android (android.graphics.Color)	4292992147 (0xFFE1DC93)
YUV	213.1730, -32.6233, 10.3723
Hunter-Lab	83.2469, -12.9168, 31.4044

Details

The Yxy color **69.3005, 0.3665, 0.4102** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1149, 0.2510, 0.2323**, and the grayscale version is **66.8755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **36.1715, 0.3787, 0.4297** is the 20% darker color. If you saturate the color by 10%, you get **67.9070, 0.3817, 0.4324**, and if you desaturate by 10%, it is **70.8451, 0.3507, 0.3868**.

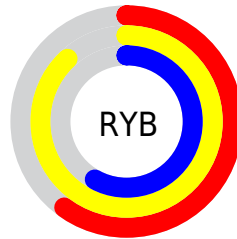
Distribution



Red (88%)

Green (86%)

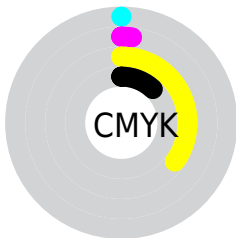
Blue (58%)



Red (60%)

Yellow (88%)

Blue (58%)

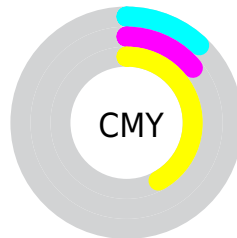


Cyan (0%)

Magenta (2%)

Yellow (35%)

Black (12%)



Cyan (12%)


Magenta (14%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3005, 0.3665, 0.4102 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, 0.3665, 0.4102 by changing the saturation by 10% instead.


 69.3005, 0.3665,
0.4102

 69.3005, 0.3665,
0.4102

458.0901, 0.3422,
0.3721

 50.9565, 0.3717,
0.4189


 118.2107, 0.3583,
0.3970

 36.1740, 0.3780,
0.4296


 149.5456, 0.3550,
0.3918

 24.5686, 0.3856,
0.4429


185.9797, 0.3522,
0.3874

 15.7559, 0.3948,
0.4600

227.8972, 0.3497,
0.3835

 9.3516, 0.4057,
0.4822

275.6826, 0.3475,
0.3801

 4.9712, 0.4191,
0.5128

329.7203, 0.3456,

 2.2304, 0.4379,

0.3771

0.5621

390.3947, 0.3438,
0.3745

0.7365, 0.3944,
0.6056

0.0000, 0.0000,
0.0000

69.3005, 0.3665,
0.4102

69.3005, 0.3665,
0.4102

67.9070, 0.3817,
0.4324

70.8451, 0.3507,
0.3868

66.6469, 0.3957,
0.4524


72.5388, 0.3350,
0.3630


65.5146, 0.4080,
0.4693

74.3917, 0.3196,
0.3396

64.5000, 0.4178,
0.4822


76.4102, 0.3050,
0.3172

 63.5913, 0.4250,
0.4907


 78.3049, 0.2941,
0.3004


 62.7744, 0.4296,
0.4948

 79.1026, 0.2941,
0.3020

 62.3635, 0.4312,
0.4958

 79.9070, 0.2941,
0.3035

 80.7181, 0.2942,
0.3050

 81.5359, 0.2942,
0.3065

Harmonies

Analogous

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



69.3005, 0.3969, 0.3894



69.3005, 0.3665, 0.4102



69.3005, 0.3229, 0.4076

Triad

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



69.3005, 0.3665, 0.4102



69.3005, 0.2292, 0.2915



69.3005, 0.3441, 0.2860

Complementary

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



69.3005, 0.3665, 0.4102



34.1149, 0.2510, 0.2323

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, 0.2971, 0.2633



69.3005, 0.3665, 0.4102



69.3005, 0.2337, 0.2641

Square

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



69.3005, 0.3665, 0.4102



69.3005, 0.2448, 0.3335



69.3005, 0.2575, 0.2550



69.3005, 0.3844, 0.3188

Rectangle

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



69.3005, 0.3665, 0.4102



69.3005, 0.2926, 0.3906



69.3005, 0.2575, 0.2550



69.3005, 0.3284, 0.2771

Sweetspot

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



69.3036, 0.3665, 0.4102



97.4212, 0.3278, 0.3522



39.1601, 0.3892, 0.3231



20.7784, 0.3300, 0.3555



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, 0.3665, 0.4102



90.5905, 0.3782, 0.4273



67.0758, 0.3390, 0.4231



15.8703, 0.3269, 0.3507



35.9949, 0.4310, 0.4960



2.5413, 0.4290, 0.4976

Inverse Universe

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



34.1149, 0.2510, 0.2323



36.8832, 0.2351, 0.2068



36.1143, 0.2775, 0.2328



13.3843, 0.2981, 0.3063



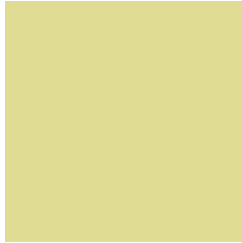
3.3798, 0.1512, 0.0642



0.2849, 0.1546, 0.0764

Previews

White Background



This preview shows how the Yxy color 69.3005, 0.3665, 0.4102 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, 0.3665, 0.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

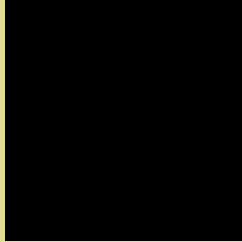
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3005, 0.3665, 0.4102

Background



This preview shows how black text looks on a background with the Yxy color 69.3005, 0.3665, 0.4102.



This preview shows how white text looks on a background with the Yxy color 69.3005, 0.3665, 0.4102.

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, 0.3665, 0.4102

Protanopia

69.3632, 0.3762, 0.4061

Deuteranopia

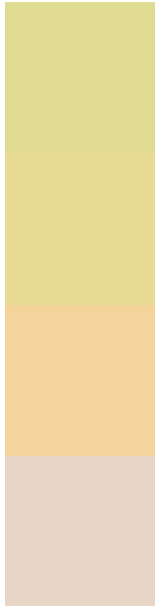
68.8404, 0.3871, 0.3808



Tritanopia

69.1317, 0.3187, 0.3110

Trichromacy



Original Color

69.3005, 0.3665, 0.4102

Protanomaly

69.2071, 0.3726, 0.4080

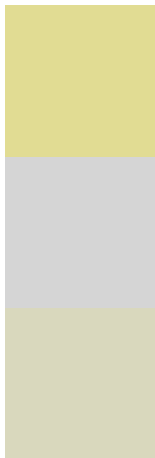
Deuteranomaly

68.6532, 0.3797, 0.3909

Tritanomaly

69.1593, 0.3367, 0.3465

Monochromacy



Original Color

69.3005, 0.3665, 0.4102

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.5376, 0.3321, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3005, 0.3665, 0.4102 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(225, 220, 147)` looks like.

```
.text, #text, p{  
    color:rgb(225, 220, 147)  
}
```

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(225, 220, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 220, 147) }
```

Border

The CSS property to change the border of an element to Yxy 69.3005, 0.3665, 0.4102 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(225, 220, 147) }
```

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

```
.border{ border-color:rgb(225, 220, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 220, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 220, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 220, 147);  
box-shadow:4px 4px 4px 4px rgb(225, 220,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3005, 0.3665, 0.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 220, 147) }
```

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

```
.background{ background-color: rgb(225,  
220, 147) }
```

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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