

Converting Colors

$Yxy(68.4869, 0.3444, 0.3692)$

Have a look what the booklet for
Yxy(68.4869, 0.3444, 0.3692)
contains.

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Color

Yxy(68.4146, 0.3446, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	E1D8B4
RGB	225, 216, 180
RGB Percent	88%, 85%, 71%
CMY	0.1175, 0.1530, 0.2940
CMYK	0.00, 0.04, 0.20, 0.12
HSL	48°, 43%, 79%
HSV	48°, 20%, 88%
XYZ	63.8561, 68.4146, 53.0343
YIQ	214.5870, 16.9200, -9.2880

Conversions

Conversions Part 2

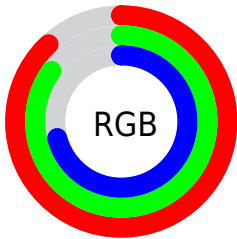
Format	Color
R _Y B	191, 225, 180
Decimal	14801076
CIE Lab	86.21, -2.66, 18.87
CIE LCh	86, 19.056, 98.019
Yxy	68.4146, 0.3446, 0.3692
Android (android.graphics.Color)	4292991156 (0xFFE1D8B4)
YUV	214.5870, -17.0514, 9.1322
Hunter-Lab	82.7131, -6.9426, 19.8834

Details

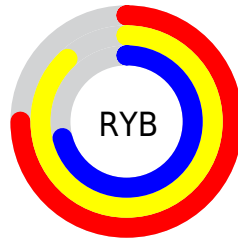
The Yxy color **68.4146, 0.3446, 0.3692** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5721, 0.2801, 0.2853**, and the grayscale version is **67.7761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **35.4571, 0.3520, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **65.2881, 0.3620, 0.3899**, and if you desaturate by 10%, it is **71.7600, 0.3281, 0.3487**.

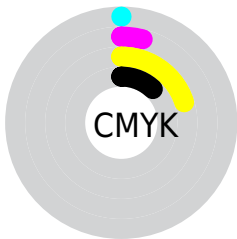
Distribution



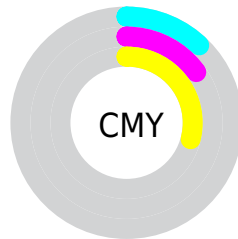
- Red (88%)
- Green (85%)
- Blue (71%)



- Red (75%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (12%)





- Cyan (12%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4146, 0.3446, 0.3692 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 68.4146, 0.3446, 0.3692 by changing the saturation by 10% instead.

 68.4146, 0.3446,
0.3692

 68.4146, 0.3446,
0.3692


454.9636, 0.3298,
0.3503

 50.2351, 0.3480,
0.3736


 116.9451, 0.3394,
0.3626

 35.6002, 0.3522,
0.3790


148.0648, 0.3374,
0.3600

 24.1256, 0.3575,
0.3859


184.2668, 0.3357,
0.3579

 15.4268, 0.3644,
0.3950

225.9354, 0.3342,
0.3559

 9.1195, 0.3736,
0.4074

273.4549, 0.3329,
0.3543

 4.8192, 0.3867,
0.4252

327.2099, 0.3317,

 2.1416, 0.4089,

0.3528

0.4559

387.5846, 0.3307,
0.3515

0.6879, 0.4612,
0.5388

0.0000, 0.0000,
0.0000

68.4146, 0.3446,
0.3692

68.4146, 0.3446,
0.3692

65.2881, 0.3620,
0.3899

71.7600, 0.3281,
0.3487

62.3635, 0.3798,
0.4102


75.3221, 0.3127,
0.3290


59.6356, 0.3975,
0.4292


79.1110, 0.2986,
0.3103


57.0955, 0.4145,
0.4458


82.1257, 0.2942,
0.3076

 54.7331, 0.4298,
0.4590


 84.7350, 0.2943,
0.3123

 52.5370, 0.4428,
0.4681


 87.4105, 0.2944,
0.3169

 50.4938, 0.4530,
0.4724

 90.1527, 0.2945,
0.3215

 48.5805, 0.4605,
0.4725

 92.9621, 0.2946,
0.3261

 94.7535, 0.2946,
0.3289

Harmonies

Analogous

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



68.4146, 0.3574, 0.3584



68.4146, 0.3446, 0.3692



68.4146, 0.3234, 0.3690

Triad

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



68.4146, 0.3446, 0.3692



68.4146, 0.2696, 0.3147



68.4146, 0.3245, 0.3034

Complementary

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



68.4146, 0.3446, 0.3692



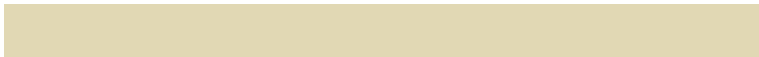
51.5721, 0.2801, 0.2853

Split Complementary

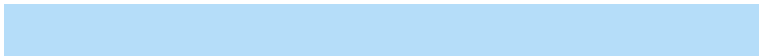
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.4146, 0.3007, 0.2924



68.4146, 0.3446, 0.3692



68.4146, 0.2697, 0.2980

Square

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



68.4146, 0.3446, 0.3692



68.4146, 0.2804, 0.3364



68.4146, 0.2809, 0.2903



68.4146, 0.3457, 0.3207

Rectangle

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



68.4146, 0.3446, 0.3692



68.4146, 0.3076, 0.3621



68.4146, 0.2809, 0.2903



68.4146, 0.3165, 0.2989

Sweetspot

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



68.4177, 0.3446, 0.3692



97.1073, 0.3219, 0.3408



52.3758, 0.3439, 0.3179



20.7190, 0.3229, 0.3421



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.



68.4177, 0.3446, 0.3692



89.0684, 0.3517, 0.3778



71.2064, 0.3333, 0.3802



15.5371, 0.3272, 0.3476



28.1535, 0.4598, 0.4731



2.0717, 0.4524, 0.4790

Inverse Universe

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



51.5721, 0.2801, 0.2853



62.8532, 0.2727, 0.2749



49.4012, 0.2892, 0.2755



13.6871, 0.2981, 0.3097



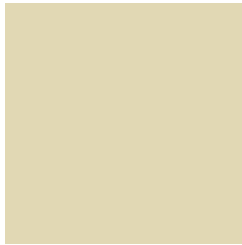
4.3559, 0.1557, 0.0803



0.4285, 0.1633, 0.1079

Previews

White Background



This preview shows how the Yxy color 68.4146, 0.3446, 0.3692 looks on a white background.

Color Contrast Check

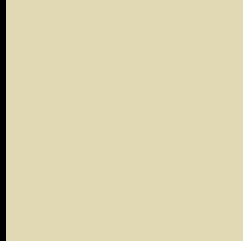
Large Text (above 18pt) WCAG AA × Fail

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 68.4146, 0.3446, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

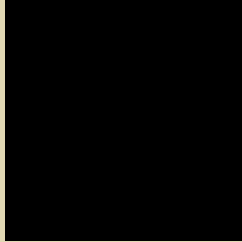
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

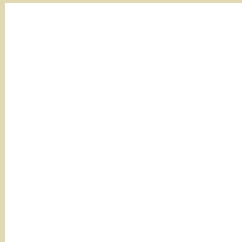
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4146, 0.3446, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 68.4146, 0.3446, 0.3692.



This preview shows how white text looks on a background with the Yxy color 68.4146, 0.3446, 0.3692.

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

68.4146, 0.3446, 0.3692

Protanopia

68.3901, 0.3471, 0.3679

Deuteranopia

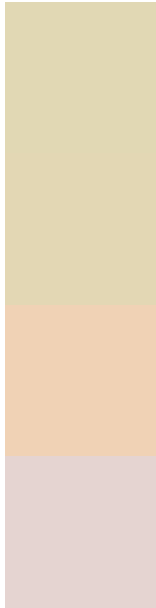
67.9595, 0.3634, 0.3555



Tritanopia

68.5731, 0.3172, 0.3120

Trichromacy



Original Color

68.4146, 0.3446, 0.3692

Protanomaly

68.2271, 0.3464, 0.3680

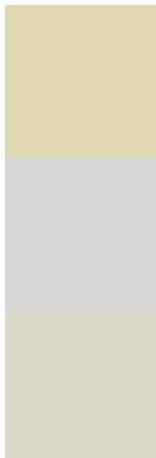
Deuteranomaly

67.9546, 0.3570, 0.3604

Tritanomaly

68.3484, 0.3275, 0.3323

Monochromacy



Original Color

68.4146, 0.3446, 0.3692

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9252, 0.3246, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4146, 0.3446, 0.3692 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, 216, 180)` looks like.

```
.text, #text, p{  
  color:rgb(225, 216, 180)  
}
```

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, 216, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 216, 180) }
```

Border

The CSS property to change the border of an element to Yxy 68.4146, 0.3446, 0.3692 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, 216, 180) }
```

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

```
.border{ border-color:rgb(225, 216, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 216, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 216, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 216, 180); box-shadow:4px 4px 4px 4px rgb(225, 216, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4146, 0.3446, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 216, 180) }
```

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

```
.background{ background-color: rgb(225,  
216, 180) }
```

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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