

Converting Colors

$Yxy(68.2501, 0.3665, 0.4074)$

Have a look what the booklet for
Yxy(68.2501, 0.3665, 0.4074)
contains.

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Color

Yxy(68.2885, 0.3665, 0.4072)

Conversions

Conversions Part 1

Format	Color
Hex	E1DA94
RGB	225, 218, 148
RGB Percent	88%, 85%, 58%
CMY	0.1177, 0.1451, 0.4197
CMYK	0.00, 0.03, 0.34, 0.12
HSL	55°, 56%, 73%
HSV	55°, 34%, 88%
XYZ	61.4630, 68.2885, 37.9511
YIQ	212.1130, 26.6420, -20.2860

Conversions

Conversions Part 2

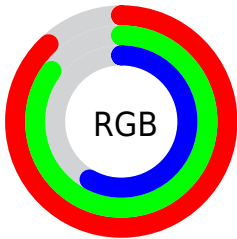
Format	Color
R _{YB}	156, 225, 148
Decimal	14801556
CIE Lab	86.15, -7.93, 35.37
CIE LCh	86, 36.248, 102.633
Yxy	68.2885, 0.3665, 0.4072
Android (android.graphics.Color)	4292991636 (0xFFE1DA94)
YUV	212.1130, -31.6077, 11.3019
Hunter-Lab	82.6369, -11.8511, 30.6168

Details

The Yxy color **68.2885, 0.3665, 0.4072** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1576, 0.2523, 0.2364**, and the grayscale version is **66.1178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **35.4739, 0.3790, 0.4259** is the 20% darker color. If you saturate the color by 10%, you get **66.5971, 0.3822, 0.4291**, and if you desaturate by 10%, it is **70.1376, 0.3504, 0.3843**.

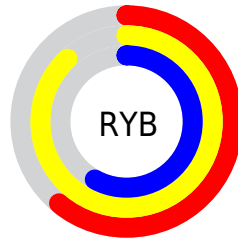
Distribution



Red (88%)

Green (85%)

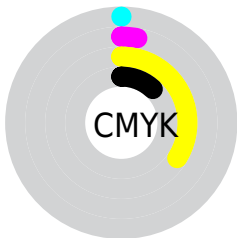
Blue (58%)



Red (61%)

Yellow (88%)

Blue (58%)

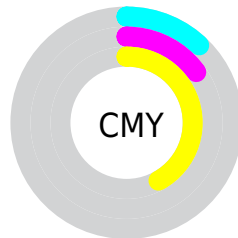


Cyan (0%)

Magenta (3%)

Yellow (34%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2885, 0.3665, 0.4072 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 68.2885, 0.3665, 0.4072 by changing the saturation by 10% instead.


 68.2885, 0.3665,
0.4072


 68.2885, 0.3665,
0.4072

454.5175, 0.3421,
0.3704

 50.1325, 0.3718,
0.4156


 116.7648, 0.3582,
0.3944

 35.5187, 0.3782,
0.4259


 147.8538, 0.3549,
0.3894

 24.0627, 0.3860,
0.4388

184.0226, 0.3521,
0.3852

 15.3801, 0.3955,
0.4554

225.6557, 0.3496,
0.3815

 9.0866, 0.4071,
0.4770

273.1373, 0.3474,
0.3782

 4.7977, 0.4214,
0.5068

326.8518, 0.3454,

 2.1291, 0.4434,

0.3753

0.5566

387.1838, 0.3437,
0.3727

0.6809, 0.3998,
0.6002

0.0000, 0.0000,
0.0000

68.2885, 0.3665,
0.4072

68.2885, 0.3665,
0.4072

66.5971, 0.3822,
0.4291

70.1376, 0.3504,
0.3843

65.0459, 0.3969,
0.4488

72.1425, 0.3344,
0.3611

63.6291, 0.4100,
0.4656

74.3131, 0.3190,
0.3383

62.3367, 0.4207,
0.4784

76.6561, 0.3044,
0.3166

61.1570, 0.4288,
0.4868

78.8198, 0.2941,
0.3014

60.0760, 0.4342,
0.4909

79.9484, 0.2941,
0.3036

59.4833, 0.4364,
0.4917

81.0903, 0.2942,
0.3057

82.2455, 0.2942,
0.3078

83.4140, 0.2942,
0.3099

Harmonies

Analogous

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



68.2885, 0.3951, 0.3865



68.2885, 0.3665, 0.4072



68.2885, 0.3245, 0.4056

Triad

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



68.2885, 0.3665, 0.4072



68.2885, 0.2319, 0.2942



68.2885, 0.3413, 0.2862

Complementary

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



68.2885, 0.3665, 0.4072



35.1576, 0.2523, 0.2364

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.



68.2885, 0.2959, 0.2645



68.2885, 0.3665, 0.4072



68.2885, 0.2354, 0.2669

Square

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



68.2885, 0.3665, 0.4072



68.2885, 0.2479, 0.3354



68.2885, 0.2579, 0.2572



68.2885, 0.3808, 0.3178

Rectangle

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



68.2885, 0.3665, 0.4072



68.2885, 0.2951, 0.3899



68.2885, 0.2579, 0.2572



68.2885, 0.3260, 0.2776

Sweetspot

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



68.2916, 0.3665, 0.4072



97.0010, 0.3279, 0.3515



39.5694, 0.3851, 0.3201



20.6759, 0.3301, 0.3548



0.0000, 0.0000, 0.0000



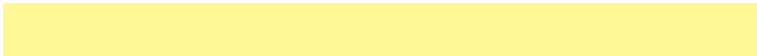
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2916, 0.3665, 0.4072



89.1054, 0.3777, 0.4228



67.4726, 0.3406, 0.4212



15.8062, 0.3269, 0.3501



34.3730, 0.4361, 0.4920



2.4455, 0.4332, 0.4943

Inverse Universe

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



35.1576, 0.2523, 0.2364



38.8591, 0.2378, 0.2136



36.1682, 0.2759, 0.2336



13.4418, 0.2981, 0.3070



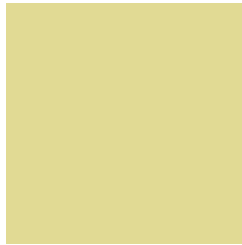
3.5011, 0.1518, 0.0663



0.3124, 0.1563, 0.0827

Previews

White Background



This preview shows how the Yxy color 68.2885, 0.3665, 0.4072 looks on a white background.

Color Contrast Check

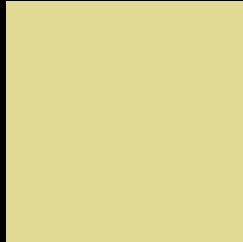
Large Text (above 18pt) WCAG AA × Fail

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 68.2885, 0.3665, 0.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

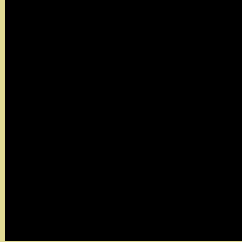
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.2885, 0.3665, 0.4072

Background



This preview shows how black text looks on a background with the Yxy color 68.2885, 0.3665, 0.4072.



This preview shows how white text looks on a background with the Yxy color 68.2885, 0.3665, 0.4072.

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

68.2885, 0.3665, 0.4072

Protanopia

68.0311, 0.3747, 0.4035

Deuteranopia

68.2187, 0.3905, 0.3839



Tritanopia

68.0404, 0.3203, 0.3110

Trichromacy



Original Color

68.2885, 0.3665, 0.4072

Protanomaly

68.0413, 0.3719, 0.4051

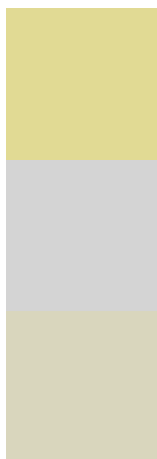
Deuteranomaly

68.0886, 0.3815, 0.3920

Tritanomaly

68.1071, 0.3377, 0.3455

Monochromacy



Original Color

68.2885, 0.3665, 0.4072

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.5190, 0.3324, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2885, 0.3665, 0.4072 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, 218, 148)` looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 148)  
}
```

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, 218, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 148) }
```

Border

The CSS property to change the border of an element to Yxy 68.2885, 0.3665, 0.4072 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, 218, 148) }
```

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

```
.border{ border-color:rgb(225, 218, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 148);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
148) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 68.2885, 0.3665, 0.4072$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 148) }
```

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

```
.background{ background-color: rgb(225,  
218, 148) }
```

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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