

Converting Colors

Yxy(67.4183, 0.3701, 0.4022)

Have a look what the booklet for
Yxy(67.4183, 0.3701, 0.4022)
contains.

Yxy(67.4288, 0.3701, 0.4022)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.4288, 0.3701, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	E5D795
RGB	229, 215, 149
RGB Percent	90%, 84%, 58%
CMY	0.1018, 0.1569, 0.4157
CMYK	0.00, 0.06, 0.35, 0.10
HSL	49°, 61%, 74%
HSV	49°, 35%, 90%
XYZ	62.0472, 67.4288, 38.1739
YIQ	211.6620, 29.5300, -17.5580

Conversions

Conversions Part 2

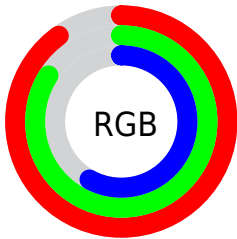
Format	Color
R _Y B	166, 229, 149
Decimal	15062933
CIE Lab	85.72, -4.71, 34.35
CIE LCh	86, 34.674, 97.801
Yxy	67.4288, 0.3701, 0.4022
Android (android.graphics.Color)	4293253013 (0xFFE5D795)
YUV	211.6620, -30.8924, 15.2054
Hunter-Lab	82.1150, -8.8243, 29.9176

Details

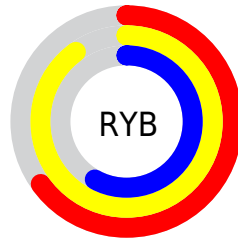
The Yxy color **67.4288, 0.3701, 0.4022** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2560, 0.2519, 0.2431**, and the grayscale version is **65.8007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **34.7753, 0.3831, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **64.7490, 0.3875, 0.4224**, and if you desaturate by 10%, it is **70.3089, 0.3528, 0.3810**.

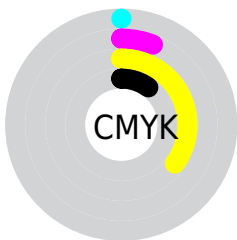
Distribution



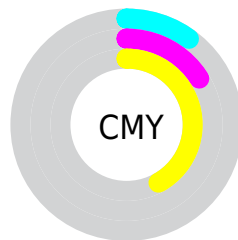
- Red (90%)
- Green (84%)
- Blue (58%)



- Red (65%)
- Yellow (90%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4288, 0.3701, 0.4022 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 67.4288, 0.3701, 0.4022 by changing the saturation by 10% instead.


 67.4288, 0.3701,
0.4022


 67.4288, 0.3701,
0.4022


451.4696, 0.3438,
0.3680

 49.4332, 0.3759,
0.4100


 115.5346, 0.3611,
0.3903

 34.9632, 0.3830,
0.4195


 146.4136, 0.3576,
0.3857

 23.6346, 0.3916,
0.4314


182.3559, 0.3545,
0.3817

 15.0628, 0.4024,
0.4466

223.7457, 0.3518,
0.3782

 8.8634, 0.4157,
0.4663

270.9677, 0.3494,
0.3752

 4.6522, 0.4328,
0.4931

324.4060, 0.3473,

 2.0447, 0.4611,

0.3725

0.5389

384.4452, 0.3455,
0.3701

0.6332, 0.4347,
0.5653

0.0000, 0.0000,
0.0000

67.4288, 0.3701,
0.4022

67.4288, 0.3701,
0.4022

64.7490, 0.3875,
0.4224

70.3089, 0.3528,
0.3810

62.2515, 0.4042,
0.4408

73.3881, 0.3360,
0.3597

59.9296, 0.4196,
0.4562

76.6773, 0.3202,
0.3390

57.7723, 0.4330,
0.4678

80.1833, 0.3054,
0.3191

■ 55.7672, 0.4437,
0.4748

■ 83.3527, 0.2968,
0.3088

■ 53.8987, 0.4515,
0.4772

■ 85.6814, 0.2968,
0.3129

■ 52.9947, 0.4547,
0.4772

■ 88.0625, 0.2969,
0.3170

■ 90.4963, 0.2969,
0.3211

■ 92.9831, 0.2970,
0.3251

Harmonies

Analogous

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



67.4288, 0.3945, 0.3800



67.4288, 0.3701, 0.4022



67.4288, 0.3311, 0.4044

Triad

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



67.4288, 0.3701, 0.4022



67.4288, 0.2361, 0.3014



67.4288, 0.3332, 0.2836

Complementary

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



67.4288, 0.3701, 0.4022



38.2560, 0.2519, 0.2431

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.



67.4288, 0.2899, 0.2647



67.4288, 0.3701, 0.4022



67.4288, 0.2364, 0.2724

Square

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



67.4288, 0.3701, 0.4022



67.4288, 0.2546, 0.3421



67.4288, 0.2553, 0.2602



67.4288, 0.3730, 0.3130

Rectangle

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



67.4288, 0.3701, 0.4022



67.4288, 0.3026, 0.3919



67.4288, 0.2553, 0.2602



67.4288, 0.3185, 0.2759

Sweetspot

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



67.4319, 0.3701, 0.4022



95.6432, 0.3281, 0.3495



40.8250, 0.3803, 0.3121



20.3453, 0.3304, 0.3524



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.



67.4319, 0.3701, 0.4022



83.5046, 0.3828, 0.4171



71.0246, 0.3461, 0.4219



16.3642, 0.3272, 0.3482



30.4467, 0.4540, 0.4777



2.3633, 0.4481, 0.4824

Inverse Universe

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



38.2560, 0.2519, 0.2431



41.0320, 0.2376, 0.2215



36.1892, 0.2693, 0.2297



14.2940, 0.2980, 0.3090



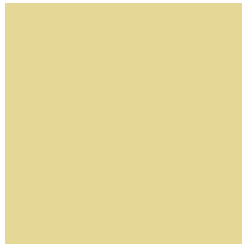
4.2314, 0.1545, 0.0762



0.4333, 0.1613, 0.1006

Previews

White Background



This preview shows how the Yxy color 67.4288, 0.3701, 0.4022 looks on a white background.

Color Contrast Check

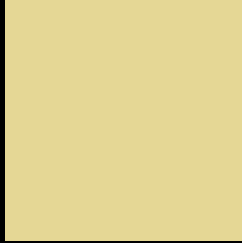
Large Text (above 18pt) WCAG AA × Fail

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 67.4288, 0.3701, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

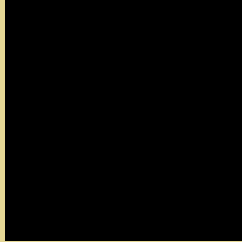
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

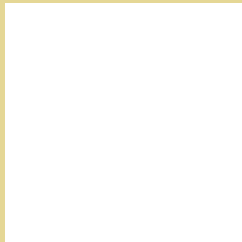
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4288, 0.3701, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 67.4288, 0.3701, 0.4022.



This preview shows how white text looks on a background with the Yxy color 67.4288, 0.3701, 0.4022.

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

67.4288, 0.3701, 0.4022

Protanopia

67.4189, 0.3728, 0.4006

Deuteranopia

67.1570, 0.3936, 0.3850



Tritanopia

67.4211, 0.3249, 0.3121

Trichromacy



Original Color

67.4288, 0.3701, 0.4022

Protanomaly

67.2520, 0.3720, 0.4008

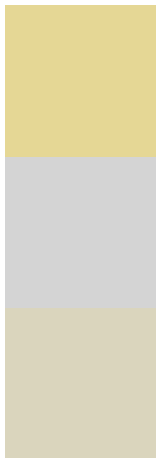
Deuteranomaly

67.3958, 0.3854, 0.3917

Tritanomaly

67.0335, 0.3420, 0.3443

Monochromacy



Original Color

67.4288, 0.3701, 0.4022

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1680, 0.3333, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4288, 0.3701, 0.4022 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(229, 215, 149)` looks like.

```
.text, #text, p{  
    color:rgb(229, 215, 149)  
}
```

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(229, 215, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 215, 149) }
```

Border

The CSS property to change the border of an element to Yxy 67.4288, 0.3701, 0.4022 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(229, 215, 149) }
```

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

```
.border{ border-color:rgb(229, 215, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 215, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 215, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 215, 149); box-shadow:4px 4px 4px 4px rgb(229, 215, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4288, 0.3701, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 215, 149) }
```

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

```
.background{ background-color: rgb(229,  
215, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor