

Converting Colors

$Yxy(67.0502, 0.3649, 0.3977)$

Have a look what the booklet for
Yxy(67.0502, 0.3649, 0.3977)
contains.

Yxy(67.0695, 0.3648, 0.3984)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.0695, 0.3648, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	E2D799
RGB	226, 215, 153
RGB Percent	89%, 84%, 60%
CMY	0.1138, 0.1568, 0.3998
CMYK	0.00, 0.05, 0.32, 0.11
HSL	51°, 56%, 74%
HSV	51°, 32%, 89%
XYZ	61.4130, 67.0695, 39.8646
YIQ	211.2210, 26.4580, -16.9500

Conversions

Conversions Part 2

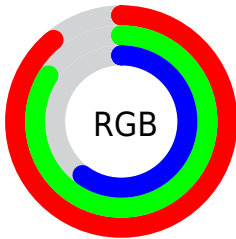
Format	Color
R _Y B	166, 226, 153
Decimal	14866329
CIE Lab	85.54, -5.41, 31.99
CIE LCh	86, 32.444, 99.598
Yxy	67.0695, 0.3648, 0.3984
Android (android.graphics.Color)	4293056409 (0xFFE2D799)
YUV	211.2210, -28.7030, 12.9612
Hunter-Lab	81.8960, -9.4624, 28.4665

Details

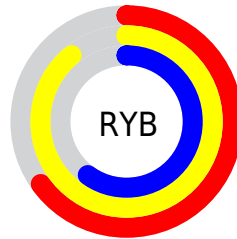
The Yxy color **67.0695, 0.3648, 0.3984** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8247, 0.2569, 0.2484**, and the grayscale version is **65.4779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **34.6272, 0.3774, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **64.6810, 0.3817, 0.4195**, and if you desaturate by 10%, it is **69.6415, 0.3479, 0.3766**.

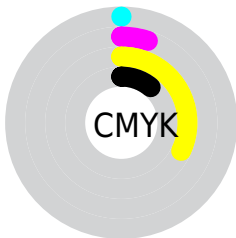
Distribution



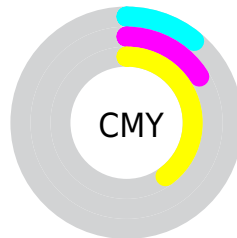
- Red (89%)
- Green (84%)
- Blue (60%)



- Red (65%)
- Yellow (89%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0695, 0.3648, 0.3984 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 67.0695, 0.3648, 0.3984 by changing the saturation by 10% instead.


 67.0695, 0.3648,
0.3984


 67.0695, 0.3648,
0.3984


450.1921, 0.3409,
0.3658

 49.1411, 0.3701,
0.4059


 115.0200, 0.3566,
0.3870

 34.7314, 0.3766,
0.4151


 145.8109, 0.3534,
0.3826

 23.4561, 0.3846,
0.4267


181.6581, 0.3506,
0.3788

 14.9306, 0.3946,
0.4416

222.9459, 0.3481,
0.3755

 8.7707, 0.4071,
0.4612

270.0589, 0.3460,
0.3726

 4.5919, 0.4228,
0.4877

323.3813, 0.3441,

 2.0099, 0.4570,

0.3701

0.5430

383.2976, 0.3424,
0.3678

0.6132, 0.4237,
0.5763

0.0000, 0.0000,
0.0000

67.0695, 0.3648,
0.3984

67.0695, 0.3648,
0.3984

64.6810, 0.3817,
0.4195

69.6415, 0.3479,
0.3766

62.4587, 0.3981,
0.4388

72.3954, 0.3316,
0.3548

60.3966, 0.4132,
0.4555

75.3414, 0.3161,
0.3337

58.4846, 0.4263,
0.4684

78.4861, 0.3017,
0.3136

■ 56.7111, 0.4369,
0.4771

■ 81.1045, 0.2948,
0.3055

■ 55.0623, 0.4447,
0.4811

■ 83.0374, 0.2948,
0.3090

■ 53.8569, 0.4490,
0.4817

■ 85.0076, 0.2949,
0.3125

■ 87.0153, 0.2950,
0.3160

■ 89.0606, 0.2950,
0.3195

Harmonies

Analogous

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



67.0695, 0.3886, 0.3787



67.0695, 0.3648, 0.3984



67.0695, 0.3278, 0.3988

Triad

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



67.0695, 0.3648, 0.3984



67.0695, 0.2401, 0.3013



67.0695, 0.3344, 0.2876

Complementary

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



67.0695, 0.3648, 0.3984



38.8247, 0.2569, 0.2484

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.



67.0695, 0.2937, 0.2691



67.0695, 0.3648, 0.3984



67.0695, 0.2415, 0.2748

Square

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



67.0695, 0.3648, 0.3984



67.0695, 0.2566, 0.3390



67.0695, 0.2604, 0.2640



67.0695, 0.3710, 0.3159

Rectangle

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



67.0695, 0.3648, 0.3984



67.0695, 0.3010, 0.3861



67.0695, 0.2604, 0.2640



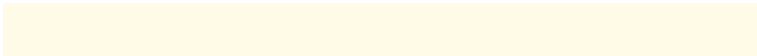
67.0695, 0.3207, 0.2802

Sweetspot

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



67.0725, 0.3648, 0.3984



96.0415, 0.3281, 0.3501



41.6872, 0.3744, 0.3149



20.4422, 0.3303, 0.3531



0.0000, 0.0000, 0.0000



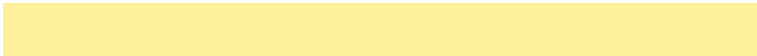
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0725, 0.3648, 0.3984



85.9868, 0.3767, 0.4132



69.1954, 0.3428, 0.4146



15.6597, 0.3271, 0.3488



30.8702, 0.4485, 0.4821



2.2363, 0.4433, 0.4862

Inverse Universe

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



38.8247, 0.2569, 0.2484



43.1855, 0.2431, 0.2275



37.6765, 0.2744, 0.2385



13.5745, 0.2981, 0.3085



3.8926, 0.1536, 0.0728



0.3754, 0.1602, 0.0967

Previews

White Background



This preview shows how the Yxy color 67.0695, 0.3648, 0.3984 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 67.0695, 0.3648, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

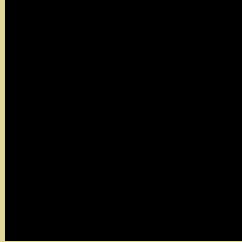
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0695, 0.3648, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 67.0695, 0.3648, 0.3984.



This preview shows how white text looks on a background with the Yxy color 67.0695, 0.3648, 0.3984.

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

67.0695, 0.3648, 0.3984

Protanopia

67.1831, 0.3691, 0.3977

Deuteranopia

66.9118, 0.3889, 0.3813



Tritanopia

66.9090, 0.3226, 0.3120

Trichromacy



Original Color

67.0695, 0.3648, 0.3984

Protanomaly

67.0181, 0.3683, 0.3979

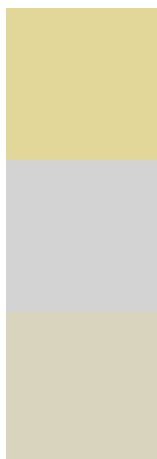
Deuteranomaly

66.9887, 0.3800, 0.3881

Tritanomaly

66.6211, 0.3382, 0.3422

Monochromacy



Original Color

67.0695, 0.3648, 0.3984

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4036, 0.3312, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0695, 0.3648, 0.3984 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(226, 215, 153)` looks like.

```
.text, #text, p{  
    color:rgb(226, 215, 153)  
}
```

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(226, 215, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 153) }
```

Border

The CSS property to change the border of an element to Yxy 67.0695, 0.3648, 0.3984 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(226, 215, 153) }
```

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

```
.border{ border-color:rgb(226, 215, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 215, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 215, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 215, 153); box-shadow:4px 4px 4px 4px rgb(226, 215, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0695, 0.3648, 0.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 153) }
```

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

```
.background{ background-color: rgb(226,  
215, 153) }
```

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