

Converting Colors

Yxy(69.2612, 0.3558, 0.4072)

Have a look what the booklet for
Yxy(69.2612, 0.3558, 0.4072)
contains.

Yxy(69.2942, 0.3556, 0.4074)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.2942, 0.3556, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	D9DE99
RGB	217, 222, 153
RGB Percent	85%, 87%, 60%
CMY	0.1490, 0.1294, 0.4001
CMYK	0.02, 0.00, 0.31, 0.13
HSL	64°, 51%, 74%
HSV	64°, 31%, 87%
XYZ	60.4836, 69.2942, 40.3111
YIQ	212.6390, 19.1690, -22.5190

Conversions

Conversions Part 2

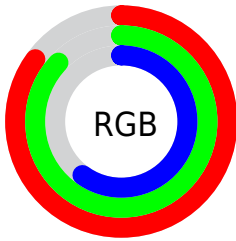
Format	Color
RYB	153, 222, 158
Decimal	14278297
CIELab	86.65, -12.39, 33.37
CIELCh	87, 35.597, 110.365
Yxy	69.2942, 0.3556, 0.4074
Android (android.graphics.Color)	4292468377 (0xFFD9DE99)
YUV	212.6390, -29.4020, 3.8246
Hunter-Lab	83.2431, -15.9792, 29.5586

Details

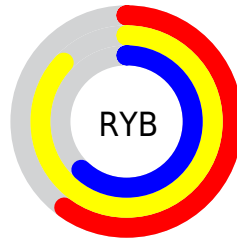
The Yxy color **69.2942, 0.3556, 0.4074** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3150, 0.2615, 0.2388**, and the grayscale version is **66.4762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **36.1541, 0.3645, 0.4269** is the 20% darker color. If you saturate the color by 10%, you get **68.3851, 0.3687, 0.4322**, and if you desaturate by 10%, it is **70.3484, 0.3418, 0.3819**.

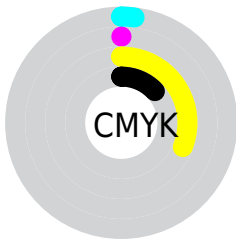
Distribution



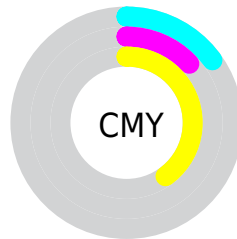
- Red (85%)
- Green (87%)
- Blue (60%)



- Red (60%)
- Yellow (87%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)




- Cyan (15%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2942, 0.3556, 0.4074 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 69.2942, 0.3556, 0.4074 by changing the saturation by 10% instead.


 69.2942, 0.3556,
0.4074


 69.2942, 0.3556,
0.4074


458.0679, 0.3364,
0.3702

 50.9513, 0.3597,
0.4160


 118.2017, 0.3491,
0.3944

 36.1699, 0.3647,
0.4267


 149.5351, 0.3465,
0.3893

 24.5654, 0.3706,
0.4402


185.9675, 0.3443,
0.3850

 15.7536, 0.3779,
0.4577

227.8833, 0.3423,
0.3813

 9.3500, 0.3864,
0.4811

275.6668, 0.3406,
0.3780

 4.9701, 0.3958,
0.5134

329.7025, 0.3390,

 2.2298, 0.4189,

0.3751

0.5811

390.3747, 0.3376,
0.3725

0.7361, 0.3505,
0.6495

0.0000, 0.0000,
0.0000

69.2942, 0.3556,
0.4074

69.2942, 0.3556,
0.4074

68.3851, 0.3687,
0.4322

70.3484, 0.3418,
0.3819

67.6041, 0.3805,
0.4551


71.5455, 0.3279,
0.3564

66.9461, 0.3906,
0.4752

72.8949, 0.3142,
0.3316


66.4018, 0.3983,
0.4917


74.4029, 0.3010,
0.3082

 65.9604, 0.4035,
0.5038


 75.4835, 0.2940,
0.2949

 65.6094, 0.4060,
0.5116

 75.7438, 0.2950,
0.2950

 65.3535, 0.4065,
0.5154

 76.0066, 0.2961,
0.2951

 76.2719, 0.2972,
0.2953

 76.5396, 0.2983,
0.2954

Harmonies

Analogous

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



69.2942, 0.3879, 0.3921



69.2942, 0.3556, 0.4074



69.2942, 0.3131, 0.3991

Triad

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



69.2942, 0.3556, 0.4074



69.2942, 0.2326, 0.2866



69.2942, 0.3517, 0.2943

Complementary

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



69.2942, 0.3556, 0.4074



35.3150, 0.2615, 0.2388

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.



69.2942, 0.3075, 0.2701



69.2942, 0.3556, 0.4074



69.2942, 0.2410, 0.2641

Square

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



69.2942, 0.3556, 0.4074



69.2942, 0.2435, 0.3241



69.2942, 0.2674, 0.2590



69.2942, 0.3866, 0.3270

Rectangle

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



69.2942, 0.3556, 0.4074



69.2942, 0.2850, 0.3798



69.2942, 0.2674, 0.2590



69.2942, 0.3373, 0.2850

Sweetspot

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



69.2973, 0.3556, 0.4074



98.2944, 0.3251, 0.3513



42.1386, 0.3815, 0.3347



20.9835, 0.3271, 0.3550



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.



69.2973, 0.3556, 0.4074



94.0649, 0.3638, 0.4229



64.5996, 0.3296, 0.4145



15.9763, 0.3256, 0.3522



38.8363, 0.4067, 0.5153



2.7073, 0.4088, 0.5136

Inverse Universe

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



35.3150, 0.2615, 0.2388



40.8575, 0.2493, 0.2177



39.2661, 0.2899, 0.2456



13.2906, 0.2992, 0.3048



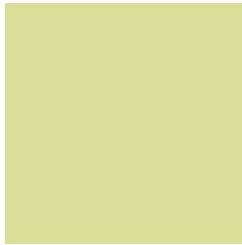
3.2165, 0.1524, 0.0613



0.2398, 0.1592, 0.0650

Previews

White Background



This preview shows how the Yxy color 69.2942, 0.3556, 0.4074 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 69.2942, 0.3556, 0.4074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

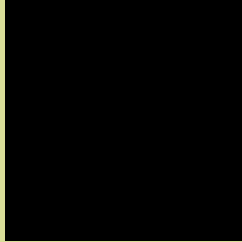
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2942, 0.3556, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 69.2942, 0.3556, 0.4074.



This preview shows how white text looks on a background with the Yxy color 69.2942, 0.3556, 0.4074.

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

69.2942, 0.3556, 0.4074

Protanopia

69.3525, 0.3719, 0.4010

Deuteranopia

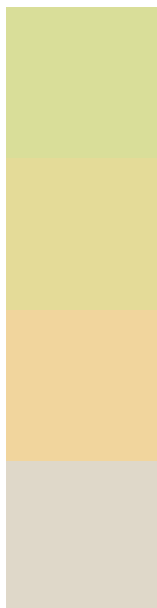
68.9098, 0.3856, 0.3788



Tritanopia

69.0750, 0.3121, 0.3108

Trichromacy



Original Color

69.2942, 0.3556, 0.4074

Protanomaly

69.4240, 0.3658, 0.4032

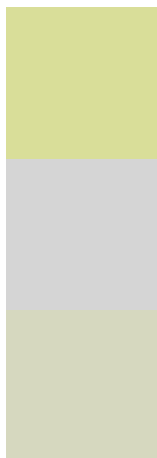
Deuteranomaly

68.7236, 0.3747, 0.3892

Tritanomaly

69.0168, 0.3282, 0.3456

Monochromacy



Original Color

69.2942, 0.3556, 0.4074

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.1695, 0.3284, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2942, 0.3556, 0.4074 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(217, 222, 153)` looks like.

```
.text, #text, p{  
    color:rgb(217, 222, 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(217, 222, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 222, 153) }
```

Border

The CSS property to change the border of an element to Yxy 69.2942, 0.3556, 0.4074 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(217, 222, 153) }
```

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

```
.border{ border-color:rgb(217, 222, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 222, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 222, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 222, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 222,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2942, 0.3556, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 222, 153) }
```

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

```
.background{ background-color: rgb(217,  
222, 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