

Converting Colors

$Yxy(67.3839, 0.3590, 0.3956)$

Have a look what the booklet for
Yxy(67.3839, 0.3590, 0.3956)
contains.

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Color

Yxy(67.2340, 0.3593, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	DFD89D
RGB	223, 216, 157
RGB Percent	87%, 85%, 62%
CMY	0.1256, 0.1529, 0.3843
CMYK	0.00, 0.03, 0.30, 0.13
HSL	54°, 51%, 75%
HSV	54°, 30%, 87%
XYZ	61.0647, 67.2340, 41.6558
YIQ	211.3670, 23.1110, -16.8650

Conversions

Conversions Part 2

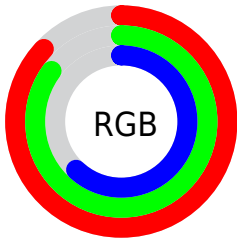
Format	Color
RYB	165, 223, 157
Decimal	14669981
CIELab	85.62, -6.59, 30.02
CIELCh	86, 30.735, 102.373
Yxy	67.2340, 0.3593, 0.3956
Android (android.graphics.Color)	4292860061 (0xFFDFD89D)
YUV	211.3670, -26.8029, 10.2021
Hunter-Lab	81.9963, -10.5603, 27.2769

Details

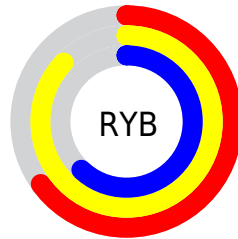
The Yxy color **67.2340, 0.3593, 0.3956** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0254, 0.2617, 0.2523**, and the grayscale version is **65.5646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **34.7251, 0.3701, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **65.3489, 0.3755, 0.4178**, and if you desaturate by 10%, it is **69.2814, 0.3430, 0.3728**.

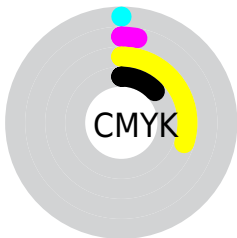
Distribution



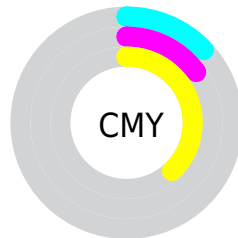
- Red (87%)
- Green (85%)
- Blue (62%)



- Red (65%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2340, 0.3593, 0.3956 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 67.2340, 0.3593, 0.3956 by changing the saturation by 10% instead.


 67.2340, 0.3593,
0.3956


 67.2340, 0.3593,
0.3956


450.7772, 0.3379,
0.3642

 49.2748, 0.3641,
0.4029


 115.2556, 0.3520,
0.3846

 34.8375, 0.3699,
0.4118


 146.0869, 0.3491,
0.3804

 23.5377, 0.3770,
0.4232


181.9776, 0.3466,
0.3767

 14.9911, 0.3860,
0.4379

223.3122, 0.3444,
0.3735

 8.8131, 0.3974,
0.4576

270.4751, 0.3425,
0.3707

 4.6195, 0.4117,
0.4845

323.8506, 0.3408,

 2.0258, 0.4503,

0.3683

0.5497

383.8232, 0.3393,
0.3661

0.6224, 0.4090,
0.5910

0.0000, 0.0000,
0.0000

67.2340, 0.3593,
0.3956

67.2340, 0.3593,
0.3956

65.3489, 0.3755,
0.4178

69.2814, 0.3430,
0.3728

63.6092, 0.3911,
0.4384

71.4890, 0.3272,
0.3501

62.0097, 0.4054,
0.4565

73.8664, 0.3121,
0.3281

60.5411, 0.4177,
0.4711

76.4198, 0.2980,
0.3073

■ 59.1928, 0.4275,
0.4815

■ 78.2561, 0.2928,
0.3009

■ 57.9522, 0.4346,
0.4873

■ 79.5551, 0.2928,
0.3033

■ 56.7984, 0.4392,
0.4893

■ 80.8717, 0.2929,
0.3058

■ 56.7514, 0.4394,
0.4893

■ 82.2060, 0.2929,
0.3083

■ 83.5581, 0.2930,
0.3107

Harmonies

Analogous

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



67.2340, 0.3833, 0.3786



67.2340, 0.3593, 0.3956



67.2340, 0.3236, 0.3937

Triad

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



67.2340, 0.3593, 0.3956



67.2340, 0.2431, 0.3001



67.2340, 0.3369, 0.2919

Complementary

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



67.2340, 0.3593, 0.3956



39.0254, 0.2617, 0.2523

Split Complementary

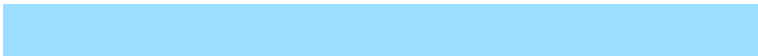
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.2340, 0.2982, 0.2731



67.2340, 0.3593, 0.3956



67.2340, 0.2460, 0.2761

Square

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



67.2340, 0.3593, 0.3956



67.2340, 0.2574, 0.3351



67.2340, 0.2655, 0.2671



67.2340, 0.3705, 0.3195

Rectangle

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



67.2340, 0.3593, 0.3956



67.2340, 0.2983, 0.3805



67.2340, 0.2655, 0.2671



67.2340, 0.3240, 0.2844

Sweetspot

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



67.2370, 0.3593, 0.3956



97.0766, 0.3264, 0.3489



42.5014, 0.3708, 0.3200



20.6811, 0.3287, 0.3522



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.



67.2370, 0.3593, 0.3956



89.4173, 0.3702, 0.4106



67.1526, 0.3379, 0.4076



15.7700, 0.3270, 0.3498



33.4804, 0.4390, 0.4896



2.3925, 0.4356, 0.4923

Inverse Universe

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



39.0254, 0.2617, 0.2523



44.8643, 0.2484, 0.2316



39.4192, 0.2810, 0.2476



13.4744, 0.2981, 0.3073



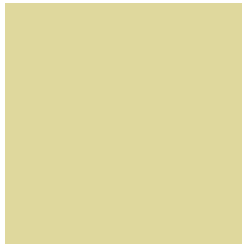
3.5826, 0.1521, 0.0677



0.3279, 0.1573, 0.0862

Previews

White Background



This preview shows how the Yxy color 67.2340, 0.3593, 0.3956 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 67.2340, 0.3593, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

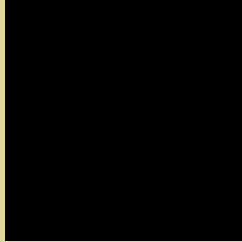
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2340, 0.3593, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 67.2340, 0.3593, 0.3956.



This preview shows how white text looks on a background with the Yxy color 67.2340, 0.3593, 0.3956.

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

67.2340, 0.3593, 0.3956

Protanopia

67.3164, 0.3663, 0.3933

Deuteranopia

67.0485, 0.3859, 0.3772



Tritanopia

66.9964, 0.3188, 0.3108

Trichromacy



Original Color

67.2340, 0.3593, 0.3956

Protanomaly

67.3321, 0.3635, 0.3949

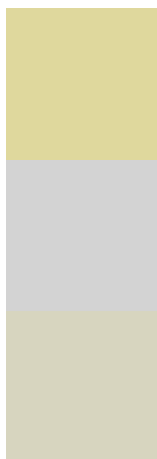
Deuteranomaly

66.9468, 0.3762, 0.3840

Tritanomaly

66.7573, 0.3335, 0.3401

Monochromacy



Original Color

67.2340, 0.3593, 0.3956

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7972, 0.3295, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2340, 0.3593, 0.3956 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(223, 216, 157)` looks like.

```
.text, #text, p{  
    color:rgb(223, 216, 157)  
}
```

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(223, 216, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 216, 157) }
```

Border

The CSS property to change the border of an element to Yxy 67.2340, 0.3593, 0.3956 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(223, 216, 157) }
```

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

```
.border{ border-color:rgb(223, 216, 157) }
```

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

Here you see how a box with a 4 pixel rgb(223, 216, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 216, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 216, 157);  
box-shadow:4px 4px 4px 4px rgb(223, 216,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2340, 0.3593, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 216, 157) }
```

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

```
.background{ background-color: rgb(223,  
216, 157) }
```

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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