

Converting Colors

$Yxy(67.2046, 0.3570, 0.3989)$

Have a look what the booklet for
Yxy(67.2046, 0.3570, 0.3989)
contains.

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Color

Yxy(67.0861, 0.3566, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	DBD99C
RGB	219, 217, 156
RGB Percent	86%, 85%, 61%
CMY	0.1411, 0.1490, 0.3883
CMYK	0.00, 0.01, 0.29, 0.14
HSL	58°, 47%, 74%
HSV	58°, 29%, 86%
XYZ	60.0324, 67.0861, 41.2281
YIQ	210.6440, 20.7730, -18.5470

Conversions

Conversions Part 2

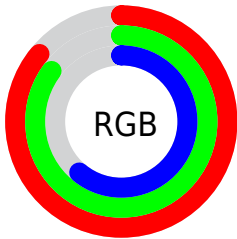
Format	Color
RYB	158, 219, 156
Decimal	14408092
CIELab	85.55, -8.71, 30.39
CIELCh	86, 31.614, 105.991
Yxy	67.0861, 0.3566, 0.3985
Android (android.graphics.Color)	4292598172 (0xFFDBD99C)
YUV	210.6440, -26.9395, 7.3282
Hunter-Lab	81.9061, -12.5056, 27.4902

Details

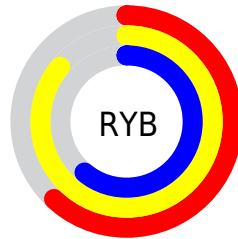
The Yxy color **67.0861, 0.3566, 0.3985** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.6405, 0.2627, 0.2485**, and the grayscale version is **65.0682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **34.6267, 0.3663, 0.4156** is the 20% darker color. If you saturate the color by 10%, you get **66.0496, 0.3717, 0.4221**, and if you desaturate by 10%, it is **68.2640, 0.3411, 0.3741**.

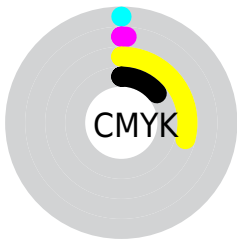
Distribution



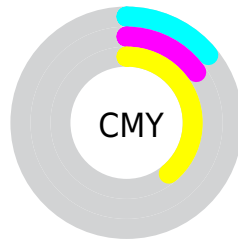
- Red (86%)
- Green (85%)
- Blue (61%)



- Red (62%)
- Yellow (86%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (14%)





- Cyan (14%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0861, 0.3566, 0.3985 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 67.0861, 0.3566, 0.3985 by changing the saturation by 10% instead.

 67.0861, 0.3566,
0.3985

 67.0861, 0.3566,
0.3985


450.2512, 0.3365,
0.3655

 49.1546, 0.3610,
0.4062


 115.0438, 0.3497,
0.3869

 34.7421, 0.3664,
0.4156


 145.8387, 0.3470,
0.3825

 23.4643, 0.3730,
0.4277

181.6903, 0.3447,
0.3787

 14.9367, 0.3812,
0.4433

222.9829, 0.3427,
0.3753

 8.7750, 0.3915,
0.4644

270.1009, 0.3409,
0.3724

 4.5947, 0.4039,
0.4935

323.4287, 0.3393,

 2.0115, 0.4380,

0.3699

0.5620

383.3506, 0.3378,
0.3676

■ 0.6141, 0.3767,
0.6233

■ 0.0000, 0.0000,
0.0000

■ 67.0861, 0.3566,
0.3985

■ 67.0861, 0.3566,
0.3985

■ 66.0496, 0.3717,
0.4221

■ 68.2640, 0.3411,
0.3741

■ 65.1383, 0.3858,
0.4440

■ 69.5808, 0.3258,
0.3498

■ 64.3472, 0.3984,
0.4632

■ 71.0459, 0.3110,
0.3262

■ 63.6677, 0.4088,
0.4788

■ 72.6650, 0.2969,
0.3037

63.0897, 0.4167,
0.4902

73.7491, 0.2900,
0.2929

62.6016, 0.4220,
0.4972

74.1217, 0.2900,
0.2937

62.1852, 0.4248,
0.5004

74.4959, 0.2900,
0.2945

62.1365, 0.4251,
0.5007

74.8716, 0.2901,
0.2952

75.2490, 0.2901,
0.2960

Harmonies

Analogous

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



67.0861, 0.3833, 0.3828



67.0861, 0.3566, 0.3985



67.0861, 0.3191, 0.3940

Triad

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



67.0861, 0.3566, 0.3985



67.0861, 0.2406, 0.2954



67.0861, 0.3423, 0.2939

Complementary

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



67.0861, 0.3566, 0.3985



36.6405, 0.2627, 0.2485

Split Complementary

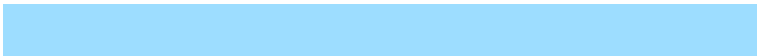
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.0861, 0.3024, 0.2733



67.0861, 0.3566, 0.3985



67.0861, 0.2457, 0.2726

Square

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



67.0861, 0.3566, 0.3985



67.0861, 0.2532, 0.3305



67.0861, 0.2676, 0.2654



67.0861, 0.3754, 0.3229

Rectangle

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



67.0861, 0.3566, 0.3985



67.0861, 0.2933, 0.3787



67.0861, 0.2676, 0.2654



67.0861, 0.3291, 0.2859

Sweetspot

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



67.0891, 0.3566, 0.3985



98.1379, 0.3262, 0.3505



41.3069, 0.3739, 0.3266



20.9446, 0.3285, 0.3541



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.



67.0891, 0.3566, 0.3985



93.7019, 0.3665, 0.4140



63.9753, 0.3332, 0.4062



15.1881, 0.3268, 0.3514



36.8650, 0.4250, 0.5007



2.4114, 0.4240, 0.5015

Inverse Universe

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



36.6405, 0.2627, 0.2485



43.5374, 0.2493, 0.2269



39.2513, 0.2865, 0.2511



12.6841, 0.2981, 0.3056



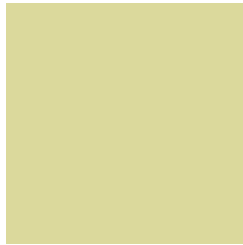
3.1540, 0.1506, 0.0622



0.2286, 0.1524, 0.0687

Previews

White Background



This preview shows how the Yxy color 67.0861, 0.3566, 0.3985 looks on a white background.

Color Contrast Check

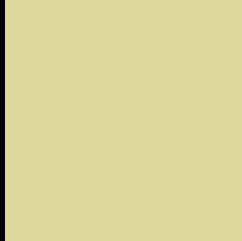
Large Text (above 18pt) WCAG AA × Fail

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 67.0861, 0.3566, 0.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

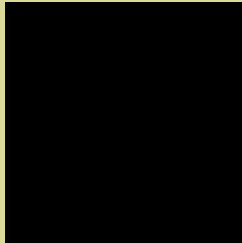
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0861, 0.3566, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 67.0861, 0.3566, 0.3985.



This preview shows how white text looks on a background with the Yxy color 67.0861, 0.3566, 0.3985.

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

67.0861, 0.3566, 0.3985

Protanopia

67.2492, 0.3677, 0.3955

Deuteranopia

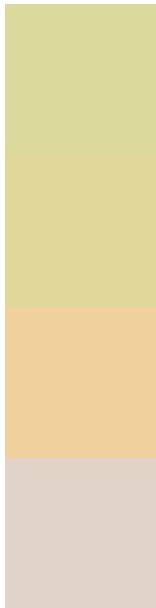
66.8613, 0.3851, 0.3773



Tritanopia

66.9875, 0.3165, 0.3118

Trichromacy



Original Color

67.0861, 0.3566, 0.3985

Protanomaly

67.1362, 0.3634, 0.3962

Deuteranomaly

66.5948, 0.3746, 0.3843

Tritanomaly

66.7196, 0.3318, 0.3424

Monochromacy



Original Color

67.0861, 0.3566, 0.3985

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6462, 0.3288, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0861, 0.3566, 0.3985 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(219, 217, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 156)  
}
```

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(219, 217, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 156) }
```

Border

The CSS property to change the border of an element to Yxy 67.0861, 0.3566, 0.3985 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(219, 217, 156) }
```

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

```
.border{ border-color:rgb(219, 217, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0861, 0.3566, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 156) }
```

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

```
.background{ background-color: rgb(219,  
217, 156) }
```

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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