

Converting Colors

$Yxy(69.8841, 0.3465, 0.3746)$

Have a look what the booklet for
Yxy(69.8841, 0.3465, 0.3746)
contains.

Yxy(70.0461, 0.3461, 0.3746)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.0461, 0.3461, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	E2DBB2
RGB	226, 219, 178
RGB Percent	89%, 86%, 70%
CMY	0.1140, 0.1411, 0.3020
CMYK	0.00, 0.03, 0.21, 0.11
HSL	51°, 45%, 79%
HSV	51°, 21%, 89%
XYZ	64.7169, 70.0461, 52.2260
YIQ	216.4190, 17.3330, -11.2670

Conversions

Conversions Part 2

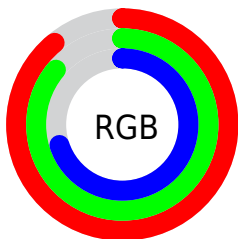
Format	Color
R _Y B	186, 226, 178
Decimal	14867378
CIE Lab	87.02, -4.17, 21.06
CIE LCh	87, 21.472, 101.209
Yxy	70.0461, 0.3461, 0.3746
Android (android.graphics.Color)	4293057458 (0xFFE2DBB2)
YUV	216.4190, -18.9406, 8.4025
Hunter-Lab	83.6935, -8.4367, 21.5876

Details

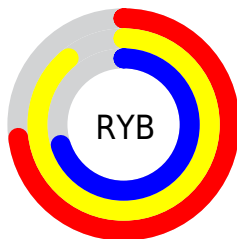
The Yxy color **70.0461, 0.3461, 0.3746** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.6134, 0.2777, 0.2789**, and the grayscale version is **69.0893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **36.5776, 0.3539, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **67.5310, 0.3629, 0.3966**, and if you desaturate by 10%, it is **72.7502, 0.3299, 0.3527**.

Distribution



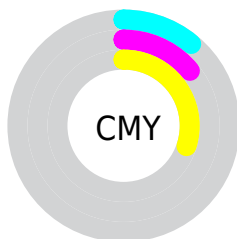
- Red (89%)
- Green (86%)
- Blue (70%)



- Red (73%)
- Yellow (89%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0461, 0.3461, 0.3746 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 70.0461, 0.3461, 0.3746 by changing the saturation by 10% instead.

70.0461, 0.3461,
0.3746

70.0461, 0.3461,
0.3746

460.7119, 0.3307,
0.3532

51.5641, 0.3496,
0.3795

119.2745, 0.3408,
0.3671

36.6578, 0.3539,
0.3857

150.7897, 0.3387,
0.3642

24.9426, 0.3593,
0.3934

187.4181, 0.3369,
0.3618

16.0343, 0.3662,
0.4036

229.5441, 0.3353,
0.3596

9.5484, 0.3754,
0.4174

277.5521, 0.3340,
0.3577

5.1006, 0.3881,
0.4372

331.8264, 0.3328,

2.3064, 0.4100,

0.3560

0.4716

392.7516, 0.3317,
0.3545

0.7771, 0.4504,
0.5496

0.0000, 0.0000,
0.0000

70.0461, 0.3461,
0.3746

70.0461, 0.3461,
0.3746

67.5310, 0.3629,
0.3966

72.7502, 0.3299,
0.3527

65.1880, 0.3797,
0.4179

75.6410, 0.3145,
0.3315

63.0122, 0.3960,
0.4375

78.7281, 0.3002,
0.3114

60.9947, 0.4111,
0.4546

81.1263, 0.2948,
0.3055

■ 59.1255, 0.4243,
0.4681

■ 82.9788, 0.2948,
0.3089

■ 57.3934, 0.4350,
0.4773

■ 84.8654, 0.2949,
0.3123

■ 55.7847, 0.4428,
0.4819

■ 86.7865, 0.2949,
0.3156

■ 54.4543, 0.4476,
0.4828

■ 88.7421, 0.2950,
0.3190

■ 90.7324, 0.2951,
0.3223

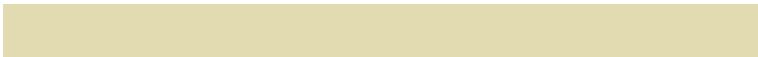
Harmonies

Analogous

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



70.0461, 0.3618, 0.3634



70.0461, 0.3461, 0.3746



70.0461, 0.3218, 0.3731

Triad

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



70.0461, 0.3461, 0.3746



70.0461, 0.2641, 0.3105



70.0461, 0.3286, 0.3023

Complementary

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



70.0461, 0.3461, 0.3746



49.6134, 0.2777, 0.2789

Split Complementary

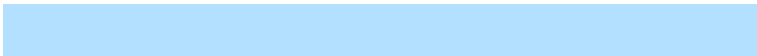
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0461, 0.3020, 0.2892



70.0461, 0.3461, 0.3746



70.0461, 0.2656, 0.2929

Square

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



70.0461, 0.3461, 0.3746



70.0461, 0.2749, 0.3346



70.0461, 0.2792, 0.2856



70.0461, 0.3516, 0.3219

Rectangle

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



70.0461, 0.3461, 0.3746



70.0461, 0.3042, 0.3644



70.0461, 0.2792, 0.2856



70.0461, 0.3197, 0.2970

Sweetspot

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



70.0492, 0.3461, 0.3746



97.6535, 0.3218, 0.3416



51.5092, 0.3491, 0.3208



20.8484, 0.3228, 0.3430



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.



70.0492, 0.3461, 0.3746



90.8255, 0.3527, 0.3833



71.1530, 0.3322, 0.3840



15.6749, 0.3271, 0.3489



31.2197, 0.4471, 0.4832



2.2574, 0.4422, 0.4871

Inverse Universe

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



49.6134, 0.2777, 0.2789



59.8439, 0.2704, 0.2681



48.8995, 0.2900, 0.2723



13.5606, 0.2981, 0.3083



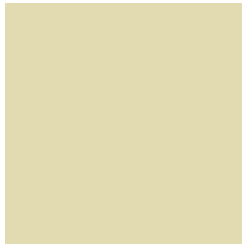
3.8442, 0.1533, 0.0720



0.3688, 0.1598, 0.0953

Previews

White Background



This preview shows how the Yxy color 70.0461, 0.3461, 0.3746 looks on a white background.

Color Contrast Check

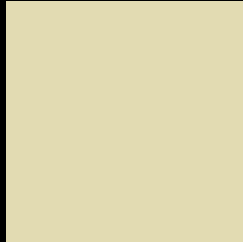
Large Text (above 18pt) WCAG AA × Fail

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 70.0461, 0.3461, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

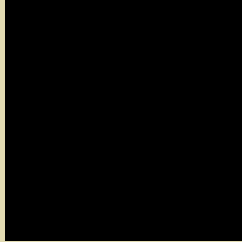
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

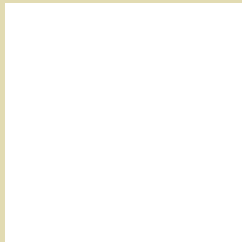
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0461, 0.3461, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 70.0461, 0.3461, 0.3746.



This preview shows how white text looks on a background with the Yxy color 70.0461, 0.3461, 0.3746.

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

70.0461, 0.3461, 0.3746

Protanopia

69.7890, 0.3512, 0.3730

Deuteranopia

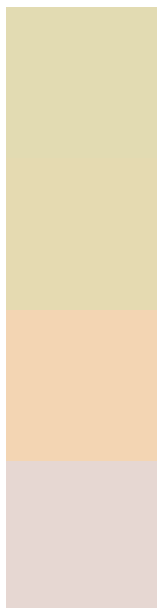
69.5917, 0.3676, 0.3594



Tritanopia

70.0677, 0.3165, 0.3111

Trichromacy



Original Color

70.0461, 0.3461, 0.3746

Protanomaly

69.9751, 0.3494, 0.3743

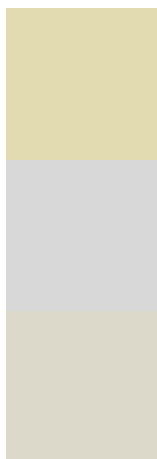
Deuteranomaly

69.8979, 0.3601, 0.3654

Tritanomaly

70.0770, 0.3272, 0.3345

Monochromacy



Original Color

70.0461, 0.3461, 0.3746

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.1056, 0.3251, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0461, 0.3461, 0.3746 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, 219, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 178)  
}
```

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, 219, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 178) }
```

Border

The CSS property to change the border of an element to Yxy 70.0461, 0.3461, 0.3746 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, 219, 178) }
```

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

```
.border{ border-color:rgb(226, 219, 178) }
```

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

Here you see how a box with a 4 pixel rgb(226, 219, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 178);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
178) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.0461, 0.3461, 0.3746$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 178) }
```

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

```
.background{ background-color: rgb(226,  
219, 178) }
```

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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