

Converting Colors

$Yxy(69.5483, 0.3569, 0.3960)$

Have a look what the booklet for
Yxy(69.5483, 0.3569, 0.3960)
contains.

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Color

Yxy(69.5718, 0.3569, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	E0DCA0
RGB	224, 220, 160
RGB Percent	88%, 86%, 63%
CMY	0.1214, 0.1373, 0.3725
CMYK	0.00, 0.02, 0.29, 0.12
HSL	56°, 51%, 75%
HSV	56°, 29%, 88%
XYZ	62.6866, 69.5718, 43.3836
YIQ	214.3560, 21.6440, -17.8120

Conversions

Conversions Part 2

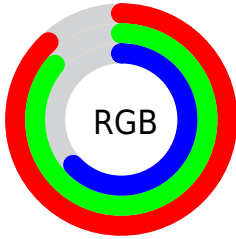
Format	Color
RYB	164, 224, 160
Decimal	14736544
CIELab	86.79, -7.82, 30.05
CIELCh	87, 31.049, 104.584
Yxy	69.5718, 0.3569, 0.3961
Android (android.graphics.Color)	4292926624 (0xFFE0DCA0)
YUV	214.3560, -26.7975, 8.4578
Hunter-Lab	83.4097, -11.8152, 27.5485

Details

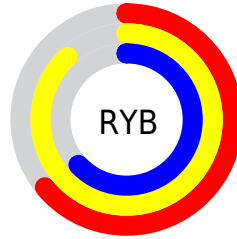
The Yxy color **69.5718, 0.3569, 0.3961** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4237, 0.2633, 0.2517**, and the grayscale version is **67.6754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **36.3178, 0.3667, 0.4121** is the 20% darker color. If you saturate the color by 10%, you get **68.1217, 0.3725, 0.4192**, and if you desaturate by 10%, it is **71.1757, 0.3411, 0.3723**.

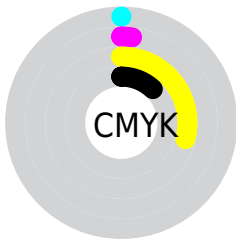
Distribution



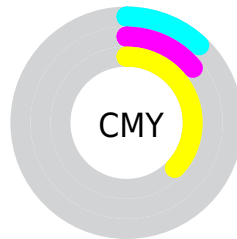
- Red (88%)
- Green (86%)
- Blue (63%)



- Red (64%)
- Yellow (88%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (12%)





- Cyan (12%)
- Magenta (14%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5718, 0.3569, 0.3961 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 69.5718, 0.3569, 0.3961 by changing the saturation by 10% instead.


 69.5718, 0.3569,
0.3961


 69.5718, 0.3569,
0.3961


459.0451, 0.3368,
0.3645

 51.1775, 0.3613,
0.4034


 118.5979, 0.3500,
0.3851

 36.3499, 0.3667,
0.4123


 149.9985, 0.3473,
0.3808

 24.7046, 0.3733,
0.4237


186.5034, 0.3450,
0.3771

 15.8571, 0.3816,
0.4384

228.4969, 0.3429,
0.3740

 9.4231, 0.3920,
0.4581

276.3634, 0.3411,
0.3712

 5.0182, 0.4049,
0.4851

330.4874, 0.3395,

 2.2579, 0.4448,

0.3687

0.5552

391.2531, 0.3381,
0.3665

0.7513, 0.4105,
0.5895

0.0000, 0.0000,
0.0000

69.5718, 0.3569,
0.3961

69.5718, 0.3569,
0.3961

68.1217, 0.3725,
0.4192

71.1757, 0.3411,
0.3723

66.8084, 0.3873,
0.4407

72.9311, 0.3256,
0.3487

65.6267, 0.4006,
0.4596

74.8477, 0.3106,
0.3258

64.5675, 0.4120,
0.4750

76.9316, 0.2966,
0.3041

63.6201, 0.4208,
0.4862

78.0434, 0.2934,
0.3002

62.7721, 0.4269,
0.4930

78.8196, 0.2935,
0.3017

62.0052, 0.4305,
0.4958

79.6023, 0.2935,
0.3032

61.8992, 0.4309,
0.4960

80.3913, 0.2935,
0.3046

81.1867, 0.2936,
0.3061

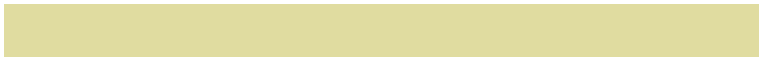
Harmonies

Analogous

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



69.5718, 0.3820, 0.3803



69.5718, 0.3569, 0.3961



69.5718, 0.3208, 0.3926

Triad

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



69.5718, 0.3569, 0.3961



69.5718, 0.2428, 0.2979



69.5718, 0.3397, 0.2937

Complementary

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



69.5718, 0.3569, 0.3961



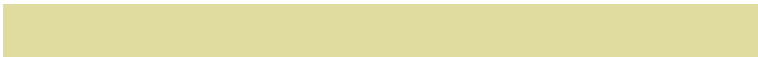
39.4237, 0.2633, 0.2517

Split Complementary

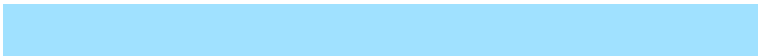
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.5718, 0.3010, 0.2742



69.5718, 0.3569, 0.3961



69.5718, 0.2470, 0.2749

Square

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



69.5718, 0.3569, 0.3961



69.5718, 0.2558, 0.3323



69.5718, 0.2676, 0.2671



69.5718, 0.3723, 0.3217

Rectangle

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



69.5718, 0.3569, 0.3961



69.5718, 0.2956, 0.3784



69.5718, 0.2676, 0.2671



69.5718, 0.3268, 0.2860

Sweetspot

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



69.5749, 0.3569, 0.3961



97.6891, 0.3263, 0.3498



43.6860, 0.3713, 0.3241



20.8331, 0.3285, 0.3533



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.



69.5749, 0.3569, 0.3961



92.1794, 0.3658, 0.4093



67.6418, 0.3347, 0.4054



15.8737, 0.3269, 0.3507



36.0820, 0.4307, 0.4962



2.5464, 0.4288, 0.4977

Inverse Universe

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



39.4237, 0.2633, 0.2517



45.7601, 0.2519, 0.2335



41.1865, 0.2849, 0.2512



13.3813, 0.2981, 0.3063



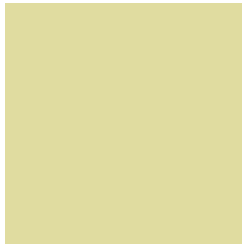
3.3742, 0.1512, 0.0641



0.2835, 0.1545, 0.0760

Previews

White Background



This preview shows how the Yxy color 69.5718, 0.3569, 0.3961 looks on a white background.

Color Contrast Check

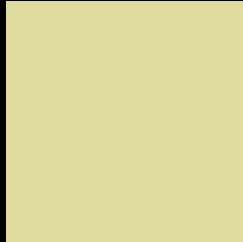
Large Text (above 18pt) WCAG AA × Fail

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 69.5718, 0.3569, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

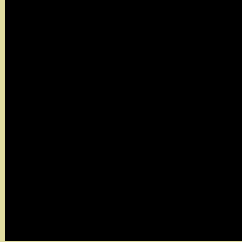
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5718, 0.3569, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 69.5718, 0.3569, 0.3961.



This preview shows how white text looks on a background with the Yxy color 69.5718, 0.3569, 0.3961.

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

69.5718, 0.3569, 0.3961

Protanopia

69.4525, 0.3656, 0.3926

Deuteranopia

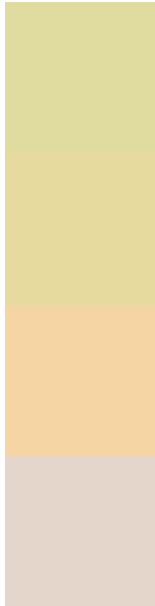
69.5775, 0.3814, 0.3747



Tritanopia

69.3458, 0.3165, 0.3110

Trichromacy



Original Color

69.5718, 0.3569, 0.3961

Protanomaly

69.4690, 0.3629, 0.3941

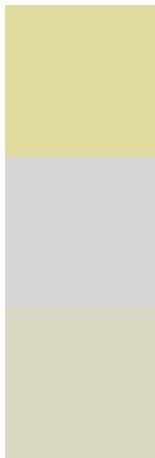
Deuteranomaly

69.4659, 0.3727, 0.3824

Tritanomaly

69.0629, 0.3316, 0.3411

Monochromacy



Original Color

69.5718, 0.3569, 0.3961

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9122, 0.3293, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5718, 0.3569, 0.3961 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(224, 220, 160)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 160)  
}
```

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(224, 220, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 160) }
```

Border

The CSS property to change the border of an element to Yxy 69.5718, 0.3569, 0.3961 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(224, 220, 160) }
```

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

```
.border{ border-color:rgb(224, 220, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 220, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 220, 160); box-shadow:4px 4px 4px 4px rgb(224, 220, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5718, 0.3569, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 160) }
```

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

```
.background{ background-color: rgb(224,  
220, 160) }
```

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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