

Converting Colors

$Yxy(69.5979, 0.3464, 0.3691)$

Have a look what the booklet for
Yxy(69.5979, 0.3464, 0.3691)
contains.

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Color

Yxy(69.4559, 0.3460, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	E4D9B5
RGB	228, 217, 181
RGB Percent	89%, 85%, 71%
CMY	0.1059, 0.1490, 0.2903
CMYK	0.00, 0.05, 0.21, 0.11
HSL	46°, 47%, 80%
HSV	46°, 21%, 89%
XYZ	65.1443, 69.4559, 53.6782
YIQ	216.1850, 18.1120, -8.8640

Conversions

Conversions Part 2

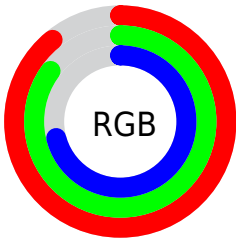
Format	Color
RYB	195, 228, 181
Decimal	14997941
CIELab	86.73, -1.96, 19.12
CIELCh	87, 19.225, 95.843
Yxy	69.4559, 0.3460, 0.3689
Android (android.graphics.Color)	4293188021 (0xFFE4D9B5)
YUV	216.1850, -17.3462, 10.3618
Hunter-Lab	83.3402, -6.3177, 20.1503

Details

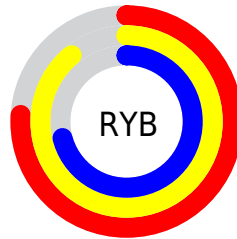
The Yxy color **69.4559, 0.3460, 0.3689** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.1052, 0.2791, 0.2857**, and the grayscale version is **68.9134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **36.1698, 0.3538, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **65.8970, 0.3638, 0.3889**, and if you desaturate by 10%, it is **73.2627, 0.3292, 0.3492**.

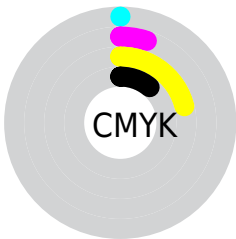
Distribution



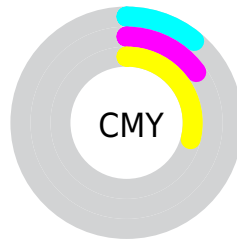
- Red (89%)
- Green (85%)
- Blue (71%)



- Red (76%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4559, 0.3460, 0.3689 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 69.4559, 0.3460, 0.3689 by changing the saturation by 10% instead.

 69.4559, 0.3460,
0.3689

 69.4559, 0.3460,
0.3689

458.6373, 0.3305,
0.3502

 51.0831, 0.3495,
0.3732


 118.4325, 0.3406,
0.3624

 36.2747, 0.3539,
0.3785


149.8051, 0.3385,
0.3599

 24.6465, 0.3594,
0.3853


186.2797, 0.3368,
0.3577

 15.8138, 0.3665,
0.3941

228.2408, 0.3352,
0.3558

 9.3925, 0.3761,
0.4061

276.0726, 0.3338,
0.3542

 4.9981, 0.3896,
0.4233

330.1598, 0.3326,

 2.2461, 0.4117,

0.3527

390.8865, 0.3315,
0.3514

0.4517

0.7450, 0.4699,
0.5301

0.0000, 0.0000,
0.0000

69.4559, 0.3460,
0.3689

69.4559, 0.3460,
0.3689

65.8970, 0.3638,
0.3889

73.2627, 0.3292,
0.3492

62.5685, 0.3822,
0.4085

77.3160, 0.3136,
0.3301

59.4646, 0.4008,
0.4267

81.6260, 0.2994,
0.3122

56.5756, 0.4186,
0.4427

85.0435, 0.2962,
0.3121

■ 53.8907, 0.4350,
0.4552

■ 88.1959, 0.2962,
0.3175

■ 51.3979, 0.4491,
0.4634

■ 91.4410, 0.2963,
0.3229

■ 49.0827, 0.4604,
0.4669

■ 94.7793, 0.2964,
0.3282

■ 47.0500, 0.4684,
0.4663

■ 95.2325, 0.2964,
0.3290

Harmonies

Analogous

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



69.4559, 0.3581, 0.3574



69.4559, 0.3460, 0.3689



69.4559, 0.3252, 0.3696

Triad

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



69.4559, 0.3460, 0.3689



69.4559, 0.2698, 0.3161



69.4559, 0.3228, 0.3023

Complementary

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



69.4559, 0.3460, 0.3689



53.1052, 0.2791, 0.2857

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.



69.4559, 0.2990, 0.2918



69.4559, 0.3460, 0.3689



69.4559, 0.2692, 0.2989

Square

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



69.4559, 0.3460, 0.3689



69.4559, 0.2815, 0.3381



69.4559, 0.2796, 0.2904



69.4559, 0.3445, 0.3193

Rectangle

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



69.4559, 0.3460, 0.3689



69.4559, 0.3093, 0.3632



69.4559, 0.2796, 0.2904



69.4559, 0.3148, 0.2979

Sweetspot

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



69.4590, 0.3460, 0.3689



96.7944, 0.3219, 0.3403



53.3712, 0.3438, 0.3158



20.6448, 0.3229, 0.3416



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.



69.4590, 0.3460, 0.3689



87.4171, 0.3540, 0.3780



73.4525, 0.3351, 0.3818



16.2164, 0.3273, 0.3469



27.3604, 0.4675, 0.4670



2.1606, 0.4590, 0.4737

Inverse Universe

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



53.1052, 0.2791, 0.2857



62.5392, 0.2710, 0.2747



49.9438, 0.2871, 0.2734



14.4308, 0.2980, 0.3104



4.8688, 0.1572, 0.0860



0.4998, 0.1648, 0.1131

Previews

White Background



This preview shows how the Yxy color 69.4559, 0.3460, 0.3689 looks on a white background.

Color Contrast Check

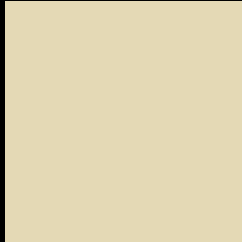
Large Text (above 18pt) WCAG AA × Fail

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 69.4559, 0.3460, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

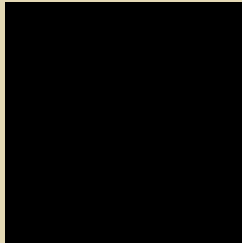
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

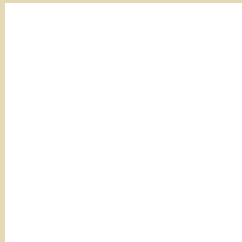
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4559, 0.3460, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 69.4559, 0.3460, 0.3689.

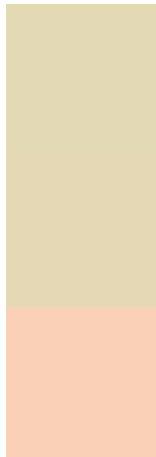


This preview shows how white text looks on a background with the Yxy color 69.4559, 0.3460, 0.3689.

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

69.4559, 0.3460, 0.3689

Protanopia

69.6199, 0.3468, 0.3688

Deuteranopia

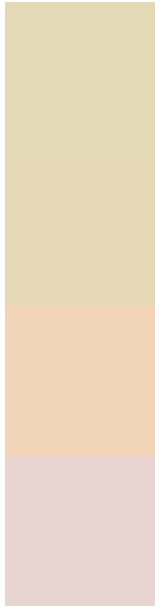
69.3438, 0.3637, 0.3564



Tritanopia

69.6270, 0.3187, 0.3121

Trichromacy



Original Color

69.4559, 0.3460, 0.3689

Protanomaly

69.6199, 0.3468, 0.3688

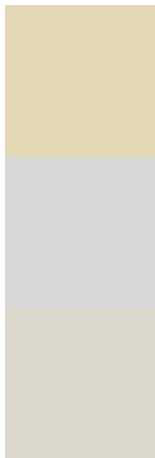
Deuteranomaly

69.3416, 0.3574, 0.3612

Tritanomaly

69.3974, 0.3290, 0.3323

Monochromacy



Original Color

69.4559, 0.3460, 0.3689

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6392, 0.3245, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4559, 0.3460, 0.3689 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(228, 217, 181)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 181)  
}
```

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(228, 217, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 181) }
```

Border

The CSS property to change the border of an element to Yxy 69.4559, 0.3460, 0.3689 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(228, 217, 181) }
```

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

```
.border{ border-color:rgb(228, 217, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 217, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 181);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4559, 0.3460, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 181) }
```

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

```
.background{ background-color: rgb(228,  
217, 181) }
```

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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