

Converting Colors

Yxy(69.5600, 0.3561, 0.3804)

Have a look what the booklet for
Yxy(69.5600, 0.3561, 0.3804)
contains.

Yxy(69.5169, 0.3562, 0.3808)	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(69.5169, 0.3562, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	E7D9AA
RGB	231, 217, 170
RGB Percent	91%, 85%, 67%
CMY	0.0941, 0.1490, 0.3334
CMYK	0.00, 0.06, 0.26, 0.09
HSL	46°, 56%, 79%
HSV	46°, 26%, 91%
XYZ	65.0260, 69.5169, 48.0119
YIQ	215.8280, 23.4310, -11.6490

Conversions

Conversions Part 2

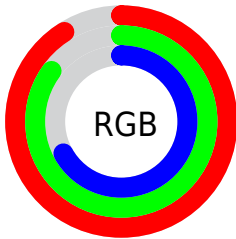
Format	Color
RYB	188, 231, 170
Decimal	15194538
CIELab	86.76, -2.35, 24.94
CIELCh	87, 25.055, 95.390
Yxy	69.5169, 0.3562, 0.3808
Android (android.graphics.Color)	4293384618 (0xFFE7D9AA)
YUV	215.8280, -22.5932, 13.3058
Hunter-Lab	83.3768, -6.6962, 24.2220

Details

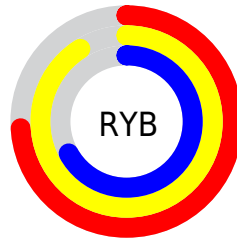
The Yxy color **69.5169, 0.3562, 0.3808** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.5949, 0.2687, 0.2712**, and the grayscale version is **68.6931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **36.2626, 0.3662, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **66.0303, 0.3744, 0.4008**, and if you desaturate by 10%, it is **73.2513, 0.3388, 0.3607**.

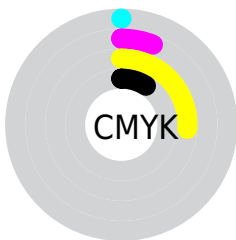
Distribution



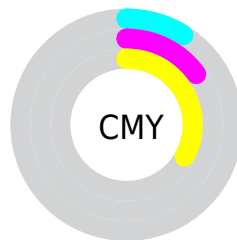
- Red (91%)
- Green (85%)
- Blue (67%)



- Red (74%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5169, 0.3562, 0.3808 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 69.5169, 0.3562, 0.3808 by changing the saturation by 10% instead.


 69.5169, 0.3562,
0.3808

 69.5169, 0.3562,
0.3808

458.8519, 0.3361,
0.3566

 51.1328, 0.3607,
0.3863


 118.5196, 0.3493,
0.3724

 36.3143, 0.3663,
0.3931


149.9069, 0.3465,
0.3691

 24.6770, 0.3733,
0.4017


186.3974, 0.3442,
0.3663

 15.8366, 0.3823,
0.4129

228.3756, 0.3422,
0.3639

 9.4086, 0.3941,
0.4278

276.2257, 0.3404,
0.3617

 5.0086, 0.4101,
0.4484

330.3322, 0.3388,

 2.2523, 0.4460,

0.3598

0.4935

391.0795, 0.3374,
0.3581

0.7483, 0.4663,
0.5337

0.0000, 0.0000,
0.0000

69.5169, 0.3562,
0.3808

69.5169, 0.3562,
0.3808

66.0303, 0.3744,
0.4008

73.2513, 0.3388,
0.3607

62.7732, 0.3929,
0.4198

77.2324, 0.3225,
0.3411

59.7392, 0.4110,
0.4369

81.4711, 0.3075,
0.3224

56.9178, 0.4280,
0.4510

85.4894, 0.2981,
0.3121

■ 54.2970, 0.4430,
0.4612

■ 88.6278, 0.2981,
0.3175

■ 51.8632, 0.4553,
0.4667

■ 91.8581, 0.2981,
0.3228

■ 49.5994, 0.4646,
0.4674

■ 95.1810, 0.2982,
0.3281

■ 48.8204, 0.4675,
0.4670

■ 95.7317, 0.2982,
0.3290

Harmonies

Analogous

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



69.5169, 0.3720, 0.3650



69.5169, 0.3562, 0.3808



69.5169, 0.3290, 0.3825

Triad

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



69.5169, 0.3562, 0.3808



69.5169, 0.2575, 0.3121



69.5169, 0.3252, 0.2943

Complementary

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



69.5169, 0.3562, 0.3808



48.5949, 0.2687, 0.2712

Split Complementary

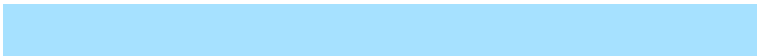
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.5169, 0.2943, 0.2811



69.5169, 0.3562, 0.3808



69.5169, 0.2565, 0.2899

Square

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



69.5169, 0.3562, 0.3808



69.5169, 0.2725, 0.3411



69.5169, 0.2696, 0.2792



69.5169, 0.3538, 0.3158

Rectangle

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



69.5169, 0.3562, 0.3808



69.5169, 0.3085, 0.3744



69.5169, 0.2696, 0.2792



69.5169, 0.3147, 0.2888

Sweetspot

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



69.5200, 0.3562, 0.3808



95.8026, 0.3251, 0.3443



49.2051, 0.3562, 0.3130



20.3417, 0.3275, 0.3472



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.



69.5200, 0.3562, 0.3808



84.4349, 0.3666, 0.3923



74.4707, 0.3406, 0.3976



16.2265, 0.3273, 0.3470



27.5615, 0.4666, 0.4677



2.1739, 0.4583, 0.4743

Inverse Universe

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



48.5949, 0.2687, 0.2712



53.9095, 0.2580, 0.2563



44.9853, 0.2793, 0.2559



14.4214, 0.2980, 0.3103



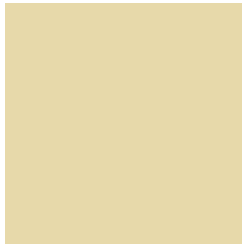
4.8195, 0.1570, 0.0852



0.4950, 0.1645, 0.1123

Previews

White Background



This preview shows how the Yxy color 69.5169, 0.3562, 0.3808 looks on a white background.

Color Contrast Check

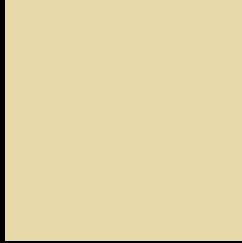
Large Text (above 18pt) WCAG AA × Fail

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 69.5169, 0.3562, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

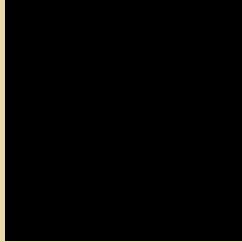
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

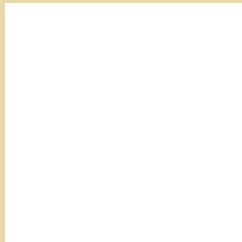
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5169, 0.3562, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 69.5169, 0.3562, 0.3808.



This preview shows how white text looks on a background with the Yxy color 69.5169, 0.3562, 0.3808.

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

69.5169, 0.3562, 0.3808

Protanopia

69.5169, 0.3562, 0.3808

Deuteranopia

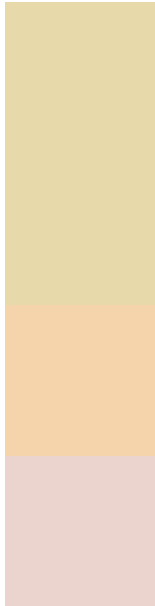
69.6503, 0.3753, 0.3676



Tritanopia

69.2691, 0.3225, 0.3112

Trichromacy



Original Color

69.5169, 0.3562, 0.3808

Protanomaly

69.5169, 0.3562, 0.3808

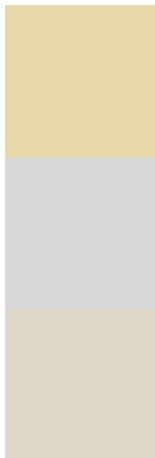
Deuteranomaly

69.6201, 0.3687, 0.3726

Tritanomaly

69.2054, 0.3343, 0.3355

Monochromacy



Original Color

69.5169, 0.3562, 0.3808

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6074, 0.3281, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5169, 0.3562, 0.3808 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(231, 217, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 217, 170)  
}
```

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(231, 217, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 217, 170) }
```

Border

The CSS property to change the border of an element to Yxy 69.5169, 0.3562, 0.3808 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(231, 217, 170) }
```

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

```
.border{ border-color:rgb(231, 217, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 217, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 217, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 217, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 217,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5169, 0.3562, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 217, 170) }
```

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

```
.background{ background-color: rgb(231,  
217, 170) }
```

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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