

Converting Colors

$Yxy(70.0423, 0.3523, 0.3835)$

Have a look what the booklet for
Yxy(70.0423, 0.3523, 0.3835)
contains.

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Color

Yxy(69.8962, 0.3525, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	E3DBAA
RGB	227, 219, 170
RGB Percent	89%, 86%, 67%
CMY	0.1099, 0.1411, 0.3332
CMYK	0.00, 0.04, 0.25, 0.11
HSL	52°, 50%, 78%
HSV	52°, 25%, 89%
XYZ	64.2629, 69.8962, 48.1471
YIQ	215.8060, 20.4970, -13.5430

Conversions

Conversions Part 2

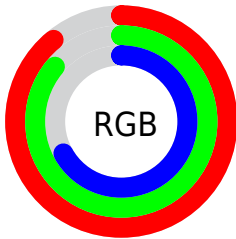
Format	Color
RYB	179, 227, 170
Decimal	14932906
CIELab	86.95, -4.89, 25.12
CIELCh	87, 25.594, 101.010
Yxy	69.8962, 0.3525, 0.3834
Android (android.graphics.Color)	4293122986 (0xFFE3DBAA)
YUV	215.8060, -22.5824, 9.8171
Hunter-Lab	83.6039, -9.1013, 24.3780

Details

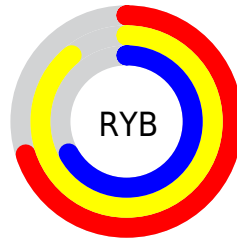
The Yxy color **69.8962, 0.3525, 0.3834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.9337, 0.2705, 0.2680**, and the grayscale version is **68.6779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **36.5169, 0.3613, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **67.4713, 0.3693, 0.4053**, and if you desaturate by 10%, it is **72.5074, 0.3361, 0.3613**.

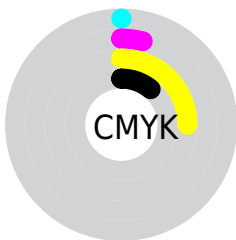
Distribution



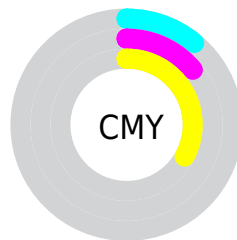
- Red (89%)
- Green (86%)
- Blue (67%)



- Red (70%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8962, 0.3525, 0.3834 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 69.8962, 0.3525, 0.3834 by changing the saturation by 10% instead.

■ 69.8962, 0.3525,
0.3834

■ 69.8962, 0.3525,
0.3834

460.1855, 0.3342,
0.3579

■ 51.4419, 0.3566,
0.3893

■ 119.0607, 0.3462,
0.3745

■ 36.5604, 0.3616,
0.3965

150.5397, 0.3437,
0.3711

■ 24.8673, 0.3679,
0.4057

187.1291, 0.3416,
0.3681

■ 15.9782, 0.3759,
0.4177

229.2133, 0.3397,
0.3655

■ 9.5088, 0.3864,
0.4338

277.1766, 0.3381,
0.3633

■ 5.0745, 0.4003,
0.4564

331.4035, 0.3367,

■ 2.2910, 0.4320,

0.3613

0.5049

392.2783, 0.3354,
0.3595

0.7690, 0.4430,
0.5570

0.0000, 0.0000,
0.0000

69.8962, 0.3525,
0.3834

69.8962, 0.3525,
0.3834

67.4713, 0.3693,
0.4053

72.5074, 0.3361,
0.3613

65.2153, 0.3859,
0.4262

75.3026, 0.3203,
0.3397

63.1231, 0.4018,
0.4450

78.2918, 0.3056,
0.3190

61.1852, 0.4161,
0.4609

81.1009, 0.2954,
0.3052

■ 59.3911, 0.4282,
0.4728

■ 82.9024, 0.2955,
0.3085

■ 57.7287, 0.4376,
0.4803

■ 84.7364, 0.2955,
0.3118

■ 56.1830, 0.4442,
0.4832

■ 86.6031, 0.2956,
0.3150

■ 55.4551, 0.4467,
0.4835

■ 88.5026, 0.2956,
0.3183

■ 90.4350, 0.2957,
0.3215

Harmonies

Analogous

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



69.8962, 0.3713, 0.3695



69.8962, 0.3525, 0.3834



69.8962, 0.3235, 0.3821

Triad

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



69.8962, 0.3525, 0.3834



69.8962, 0.2551, 0.3068



69.8962, 0.3313, 0.2973

Complementary

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



69.8962, 0.3525, 0.3834



45.9337, 0.2705, 0.2680

Split Complementary

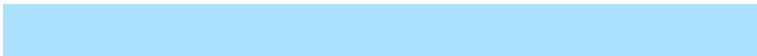
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8962, 0.2996, 0.2819



69.8962, 0.3525, 0.3834



69.8962, 0.2569, 0.2861

Square

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



69.8962, 0.3525, 0.3834



69.8962, 0.2678, 0.3357



69.8962, 0.2727, 0.2776



69.8962, 0.3591, 0.3203

Rectangle

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



69.8962, 0.3525, 0.3834



69.8962, 0.3025, 0.3718



69.8962, 0.2727, 0.2776



69.8962, 0.3207, 0.2911

Sweetspot

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



69.8993, 0.3525, 0.3834



96.9471, 0.3249, 0.3460



48.3246, 0.3577, 0.3193



20.6317, 0.3273, 0.3493



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.



69.8993, 0.3525, 0.3834



89.3733, 0.3611, 0.3946



71.1027, 0.3356, 0.3947



16.4552, 0.3271, 0.3490



32.4776, 0.4462, 0.4839



2.4950, 0.4417, 0.4875

Inverse Universe

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



45.9337, 0.2705, 0.2680



53.2278, 0.2608, 0.2535



45.2467, 0.2851, 0.2608



14.2108, 0.2980, 0.3081



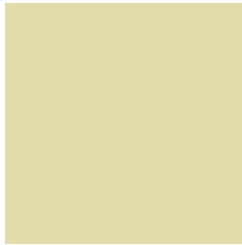
3.9288, 0.1532, 0.0714



0.3939, 0.1591, 0.0929

Previews

White Background



This preview shows how the Yxy color 69.8962, 0.3525, 0.3834 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 69.8962, 0.3525, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

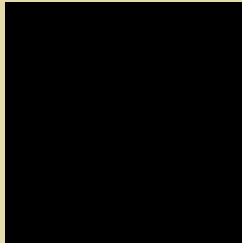
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

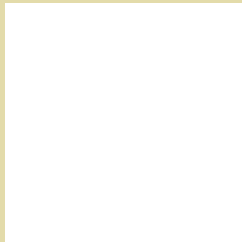
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8962, 0.3525, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 69.8962, 0.3525, 0.3834.



This preview shows how white text looks on a background with the Yxy color 69.8962, 0.3525, 0.3834.

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

69.8962, 0.3525, 0.3834

Protanopia

69.6461, 0.3577, 0.3817

Deuteranopia

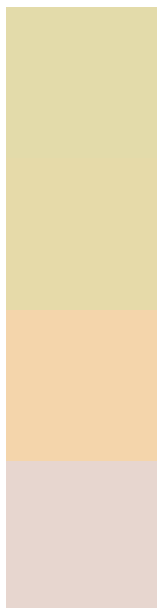
69.6503, 0.3753, 0.3676



Tritanopia

69.6824, 0.3180, 0.3111

Trichromacy



Original Color

69.8962, 0.3525, 0.3834

Protanomaly

69.8304, 0.3558, 0.3831

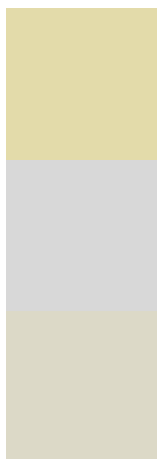
Deuteranomaly

69.7619, 0.3668, 0.3739

Tritanomaly

69.5871, 0.3302, 0.3366

Monochromacy



Original Color

69.8962, 0.3525, 0.3834

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9649, 0.3272, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8962, 0.3525, 0.3834 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(227, 219, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 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(227, 219, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 170) }
```

Border

The CSS property to change the border of an element to Yxy 69.8962, 0.3525, 0.3834 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(227, 219, 170) }
```

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

```
.border{ border-color:rgb(227, 219, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 219, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8962, 0.3525, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 170) }
```

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

```
.background{ background-color: rgb(227,  
219, 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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