

Converting Colors

$Yxy(70.3745, 0.3510, 0.3923)$

Have a look what the booklet for
Yxy(70.3745, 0.3510, 0.3923)
contains.

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Color

Yxy(70.4888, 0.3514, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	DEDEA5
RGB	222, 222, 165
RGB Percent	87%, 87%, 65%
CMY	0.1293, 0.1294, 0.3530
CMYK	0.00, 0.00, 0.26, 0.13
HSL	60°, 46%, 76%
HSV	60°, 26%, 87%
XYZ	63.0434, 70.4888, 45.8742
YIQ	215.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

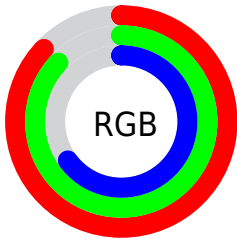
Format	Color
RYB	165, 222, 165
Decimal	14605989
CIELab	87.24, -8.93, 28.06
CIELCh	87, 29.447, 107.658
Yxy	70.4888, 0.3514, 0.3929
Android (android.graphics.Color)	4292796069 (0xFFDEDEA5)
YUV	215.5020, -24.8975, 5.6987
Hunter-Lab	83.9576, -12.8909, 26.3744

Details

The Yxy color **70.4888, 0.3514, 0.3929** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.1931, 0.2685, 0.2560**, and the grayscale version is **68.4802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **36.9367, 0.3594, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **69.7451, 0.3663, 0.4174**, and if you desaturate by 10%, it is **71.3792, 0.3362, 0.3678**.

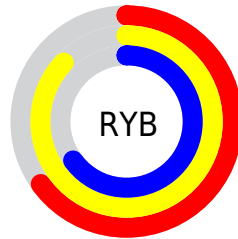
Distribution



Red (87%)

Green (87%)

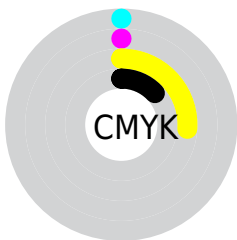
Blue (65%)



Red (65%)

Yellow (87%)

Blue (65%)

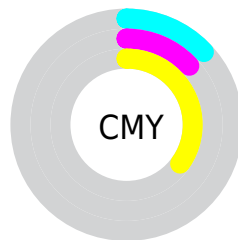


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (13%)



Cyan (13%)


Magenta (13%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4888, 0.3514, 0.3929 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 70.4888, 0.3514, 0.3929 by changing the saturation by 10% instead.

 70.4888, 0.3514,
0.3929

 70.4888, 0.3514,
0.3929


462.2644, 0.3338,
0.3628

 51.9251, 0.3553,
0.3999

 119.9056, 0.3454,
0.3824

 36.9454, 0.3600,
0.4085


 151.5274, 0.3430,
0.3783

 25.1652, 0.3657,
0.4194


188.2708, 0.3410,
0.3748

 16.2002, 0.3730,
0.4336

230.5201, 0.3392,
0.3718

 9.6659, 0.3821,
0.4529

278.6597, 0.3376,
0.3691

 5.1780, 0.3935,
0.4798

333.0741, 0.3362,

 2.3521, 0.4275,

0.3667

0.5456

394.1475, 0.3350,
0.3647

0.8011, 0.4042,
0.5958

0.0000, 0.0000,
0.0000

70.4888, 0.3514,
0.3929

70.4888, 0.3514,
0.3929

69.7451, 0.3663,
0.4174

71.3792, 0.3362,
0.3678

69.1313, 0.3802,
0.4404

72.4135, 0.3211,
0.3428

68.6427, 0.3926,
0.4609

73.6012, 0.3065,
0.3188

68.2706, 0.4029,
0.4780

74.9482, 0.2927,
0.2960

68.0051, 0.4108,
0.4909

75.0324, 0.2920,
0.2948

67.8347, 0.4160,
0.4996

75.0398, 0.2920,
0.2948

67.7453, 0.4187,
0.5040

75.0471, 0.2920,
0.2948

67.7212, 0.4194,
0.5052

75.0545, 0.2920,
0.2948

75.0618, 0.2920,
0.2948

Harmonies

Analogous

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



70.4888, 0.3765, 0.3798



70.4888, 0.3514, 0.3929



70.4888, 0.3167, 0.3874

Triad

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



70.4888, 0.3514, 0.3929



70.4888, 0.2461, 0.2969



70.4888, 0.3418, 0.2980

Complementary

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



70.4888, 0.3514, 0.3929



40.1931, 0.2685, 0.2560

Split Complementary

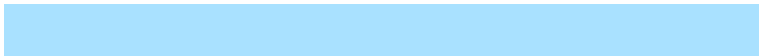
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.4888, 0.3054, 0.2784



70.4888, 0.3514, 0.3929



70.4888, 0.2518, 0.2764

Square

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



70.4888, 0.3514, 0.3929



70.4888, 0.2569, 0.3286



70.4888, 0.2728, 0.2704



70.4888, 0.3714, 0.3252

Rectangle

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



70.4888, 0.3514, 0.3929



70.4888, 0.2932, 0.3728



70.4888, 0.2728, 0.2704



70.4888, 0.3299, 0.2904

Sweetspot

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



70.4920, 0.3514, 0.3929



98.7470, 0.3246, 0.3487



45.1922, 0.3663, 0.3280



21.0887, 0.3269, 0.3525



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.



70.4920, 0.3514, 0.3929



95.8812, 0.3597, 0.4067



66.5066, 0.3304, 0.3975



16.0281, 0.3267, 0.3521



40.2124, 0.4194, 0.5052



2.7878, 0.4194, 0.5052

Inverse Universe

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



40.1931, 0.2685, 0.2560



47.4946, 0.2573, 0.2374



43.4619, 0.2906, 0.2603



13.2447, 0.2980, 0.3048



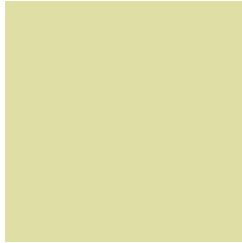
3.1350, 0.1500, 0.0600



0.2178, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 70.4888, 0.3514, 0.3929 looks on a white background.

Color Contrast Check

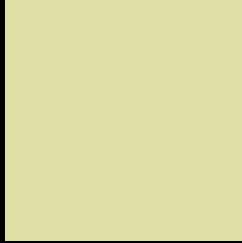
Large Text (above 18pt) WCAG AA × Fail

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 70.4888, 0.3514, 0.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

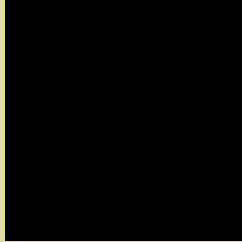
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

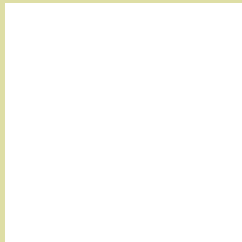
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4888, 0.3514, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 70.4888, 0.3514, 0.3929.



This preview shows how white text looks on a background with the Yxy color 70.4888, 0.3514, 0.3929.

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

70.4888, 0.3514, 0.3929

Protanopia

70.2796, 0.3632, 0.3890

Deuteranopia

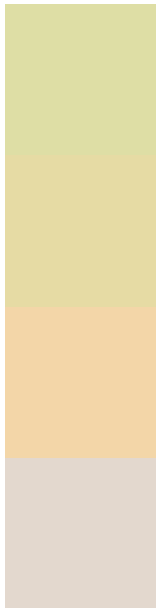
70.2555, 0.3773, 0.3705



Tritanopia

70.1247, 0.3136, 0.3110

Trichromacy



Original Color

70.4888, 0.3514, 0.3929

Protanomaly

70.1664, 0.3591, 0.3896

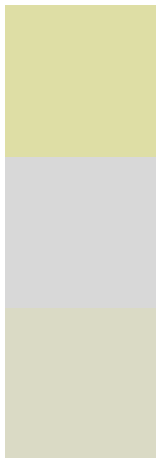
Deuteranomaly

69.9750, 0.3680, 0.3782

Tritanomaly

69.8989, 0.3277, 0.3400

Monochromacy



Original Color

70.4888, 0.3514, 0.3929

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.0795, 0.3270, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4888, 0.3514, 0.3929 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(222, 222, 165)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 165)  
}
```

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(222, 222, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 165) }
```

Border

The CSS property to change the border of an element to Yxy 70.4888, 0.3514, 0.3929 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(222, 222, 165) }
```

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

```
.border{ border-color:rgb(222, 222, 165) }
```

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

Here you see how a box with a 4 pixel rgb(222, 222, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 165);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4888, 0.3514, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 165) }
```

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

```
.background{ background-color: rgb(222,  
222, 165) }
```

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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