

Converting Colors

$Yxy(76.3034, 0.3429, 0.3786)$

Have a look what the booklet for
Yxy(76.3034, 0.3429, 0.3786)
contains.

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Color

Yxy(76.1155, 0.3429, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	E5E5B7
RGB	229, 229, 183
RGB Percent	90%, 90%, 72%
CMY	0.1022, 0.1019, 0.2824
CMYK	0.00, 0.00, 0.20, 0.10
HSL	60°, 47%, 81%
HSV	60°, 20%, 90%
XYZ	68.8654, 76.1155, 55.8515
YIQ	223.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

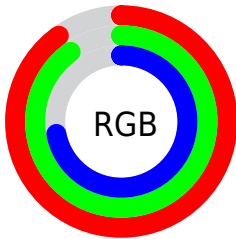
Format	Color
R _Y B	183, 229, 183
Decimal	15066551
CIE Lab	89.91, -7.44, 22.51
CIE LCh	90, 23.708, 108.292
Yxy	76.1155, 0.3429, 0.3790
Android (android.graphics.Color)	4293256631 (0xFFE5E5B7)
YUV	223.7560, -20.0927, 4.5990
Hunter-Lab	87.2442, -11.7799, 23.1150

Details

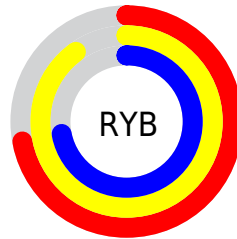
The Yxy color **76.1155, 0.3429, 0.3790** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.5928, 0.2793, 0.2736**, and the grayscale version is **74.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **40.7680, 0.3492, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **75.2354, 0.3580, 0.4041**, and if you desaturate by 10%, it is **77.1575, 0.3277, 0.3538**.

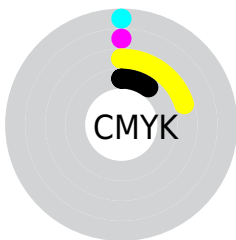
Distribution



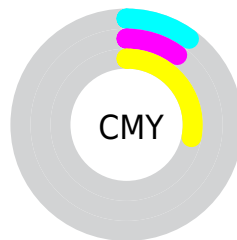
- Red (90%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1155, 0.3429, 0.3790 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 76.1155, 0.3429, 0.3790 by changing the saturation by 10% instead.


 76.1155, 0.3429,
0.3790

 76.1155, 0.3429,
0.3790


481.7430, 0.3293,
0.3558

 56.5272, 0.3459,
0.3843

 127.8902, 0.3383,
0.3709

 40.6258, 0.3496,
0.3909


160.8453, 0.3364,
0.3678

 28.0268, 0.3541,
0.3992


199.0249, 0.3348,
0.3651

 18.3459, 0.3598,
0.4100

242.8133, 0.3334,
0.3627

 11.1986, 0.3673,
0.4245

292.5949, 0.3322,
0.3607

 6.2006, 0.3772,
0.4452


348.7542, 0.3311,

 2.9674, 0.3907,


0.3588


0.4765


411.6754, 0.3302,
0.3572


 1.1147, 0.4359,
0.5641


 0.0000, 0.0000,
0.0000


 76.1155, 0.3429,
0.3790


 76.1155, 0.3429,
0.3790

 75.2354, 0.3580,
0.4041


 77.1575, 0.3277,
0.3538


 74.4996, 0.3725,
0.4281

 78.3583, 0.3129,
0.3292


 73.9033, 0.3858,
0.4502

 79.7279, 0.2987,
0.3058

 73.4378, 0.3973,
0.4693


 79.9454, 0.2967,
0.3025

 73.0929, 0.4065,
0.4846


 79.9516, 0.2968,
0.3025

 72.8575, 0.4132,
0.4956

 79.9578, 0.2968,
0.3025

 72.7180, 0.4172,
0.5024

 79.9640, 0.2968,
0.3025

 72.6513, 0.4190,
0.5055

 79.9702, 0.2968,
0.3025

 79.9764, 0.2969,
0.3025

Harmonies

Analogous

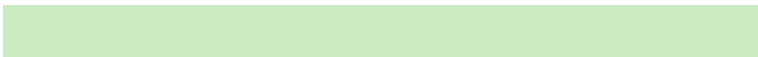
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1155, 0.3626, 0.3697



76.1155, 0.3429, 0.3790



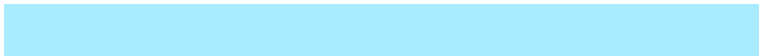
76.1155, 0.3156, 0.3739

Triad

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



76.1155, 0.3429, 0.3790



76.1155, 0.2598, 0.3037



76.1155, 0.3363, 0.3049

Complementary

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



76.1155, 0.3429, 0.3790



49.5928, 0.2793, 0.2736

Split Complementary

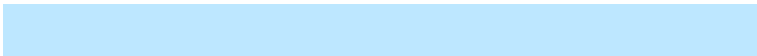
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1155, 0.3078, 0.2889



76.1155, 0.3429, 0.3790



76.1155, 0.2646, 0.2874

Square

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



76.1155, 0.3429, 0.3790



76.1155, 0.2683, 0.3285



76.1155, 0.2818, 0.2824



76.1155, 0.3590, 0.3269

Rectangle

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



76.1155, 0.3429, 0.3790



76.1155, 0.2970, 0.3625



76.1155, 0.2818, 0.2824



76.1155, 0.3270, 0.2987

Sweetspot

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



76.1189, 0.3429, 0.3790



99.0487, 0.3216, 0.3437



53.9399, 0.3526, 0.3291



21.1793, 0.3226, 0.3453



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.



76.1189, 0.3429, 0.3790



96.6470, 0.3490, 0.3892



72.5918, 0.3262, 0.3818



16.8160, 0.3267, 0.3522



41.5296, 0.4190, 0.5055



3.0693, 0.4191, 0.5054

Inverse Universe

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



49.5928, 0.2793, 0.2736



57.1708, 0.2715, 0.2608



52.6406, 0.2968, 0.2763



13.8883, 0.2980, 0.3047



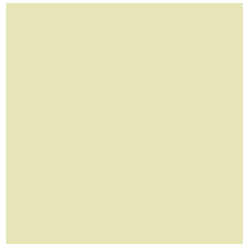
3.2364, 0.1501, 0.0600



0.2396, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 76.1155, 0.3429, 0.3790 looks on a white background.

Color Contrast Check

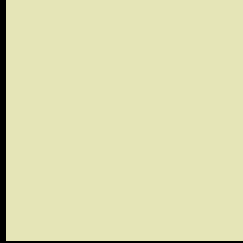
Large Text (above 18pt) WCAG AA × Fail

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 76.1155, 0.3429, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

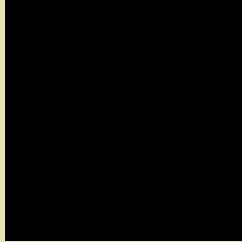
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

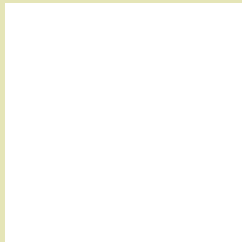
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1155, 0.3429, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 76.1155, 0.3429, 0.3790.



This preview shows how white text looks on a background with the Yxy color 76.1155, 0.3429, 0.3790.

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

76.1155, 0.3429, 0.3790

Protanopia

76.2542, 0.3531, 0.3768

Deuteranopia

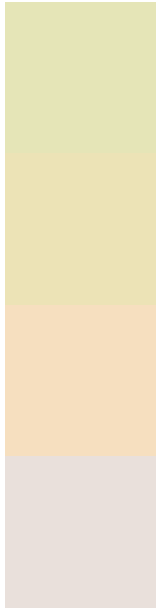
75.8632, 0.3562, 0.3536



Tritanopia

75.7778, 0.3115, 0.3105

Trichromacy



Original Color

76.1155, 0.3429, 0.3790

Protanomaly

76.1484, 0.3492, 0.3772

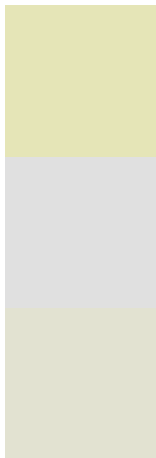
Deuteranomaly

76.1298, 0.3514, 0.3625

Tritanomaly

75.7494, 0.3224, 0.3343

Monochromacy



Original Color

76.1155, 0.3429, 0.3790

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.1649, 0.3238, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1155, 0.3429, 0.3790 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(229, 229, 183)` looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 183)  
}
```

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(229, 229, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 183) }
```

Border

The CSS property to change the border of an element to Yxy 76.1155, 0.3429, 0.3790 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(229, 229, 183) }
```

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

```
.border{ border-color:rgb(229, 229, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 229, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 229, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 229, 183); box-shadow:4px 4px 4px 4px rgb(229, 229, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1155, 0.3429, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 183) }
```

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

```
.background{ background-color: rgb(229,  
229, 183) }
```

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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