

Converting Colors

$Y_{xy}(75.5956, 0.3419, 0.3773)$

Have a look what the booklet for
Yxy(75.5956, 0.3419, 0.3773)
contains.

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Color

Yxy(75.4415, 0.3417, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	E4E4B8
RGB	228, 228, 184
RGB Percent	89%, 89%, 72%
CMY	0.1061, 0.1058, 0.2785
CMYK	0.00, 0.00, 0.19, 0.11
HSL	60°, 45%, 81%
HSV	60°, 19%, 89%
XYZ	68.3776, 75.4415, 56.2910
YIQ	222.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

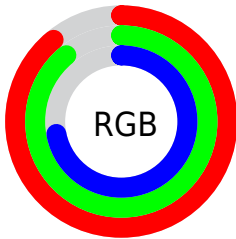
Format	Color
RYB	184, 228, 184
Decimal	15000760
CIELab	89.60, -7.15, 21.55
CIELCh	90, 22.706, 108.360
Yxy	75.4415, 0.3417, 0.3770
Android (android.graphics.Color)	4293190840 (0xFFE4E4B8)
YUV	222.9840, -19.2191, 4.3990
Hunter-Lab	86.8571, -11.4770, 22.3748

Details

The Yxy color **75.4415, 0.3417, 0.3770** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.0689, 0.2807, 0.2760**, and the grayscale version is **73.9082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **40.2965, 0.3477, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **74.5591, 0.3568, 0.4021**, and if you desaturate by 10%, it is **76.4847, 0.3265, 0.3519**.

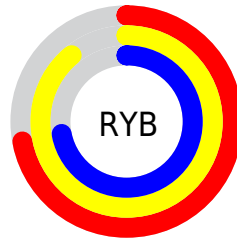
Distribution



Red (89%)

Green (89%)

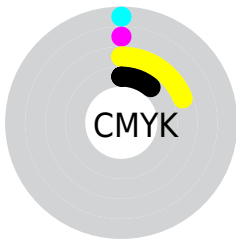
Blue (72%)



Red (72%)

Yellow (89%)

Blue (72%)

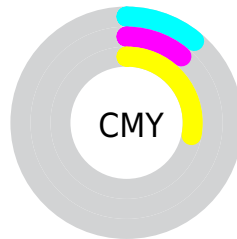


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (11%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4415, 0.3417, 0.3770 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 75.4415, 0.3417, 0.3770 by changing the saturation by 10% instead.


 75.4415, 0.3417,
0.3770

 75.4415, 0.3417,
0.3770


479.4337, 0.3286,
0.3547

 55.9747, 0.3446,
0.3821


 126.9371, 0.3372,
0.3692

 40.1826, 0.3481,
0.3884


159.7347, 0.3355,
0.3662

 27.6809, 0.3525,
0.3964


197.7446, 0.3339,
0.3636

 18.0853, 0.3581,
0.4069

241.3514, 0.3326,
0.3614

 11.0112, 0.3654,
0.4210

290.9392, 0.3314,
0.3594

 6.0744, 0.3752,
0.4411

346.8926, 0.3304,

 2.8904, 0.3886,

0.3576

0.4717

409.5960, 0.3294,
0.3561

■ 1.0748, 0.4374,
0.5626

■ 0.0000, 0.0000,
0.0000

■ 75.4415, 0.3417,
0.3770

■ 75.4415, 0.3417,
0.3770

■ 74.5591, 0.3568,
0.4021

■ 76.4847, 0.3265,
0.3519

■ 73.8201, 0.3714,
0.4262

■ 77.6856, 0.3117,
0.3274


■ 73.2199, 0.3848,
0.4485


■ 79.0539, 0.2976,
0.3040


■ 72.7498, 0.3965,
0.4678


■ 79.2267, 0.2961,
0.3014


 72.4000, 0.4059,
0.4835


 79.2321, 0.2961,
0.3014


 72.1594, 0.4128,
0.4949


 79.2375, 0.2961,
0.3014


 72.0149, 0.4170,
0.5019

 79.2429, 0.2961,
0.3014

 71.9455, 0.4190,
0.5053

 79.2484, 0.2962,
0.3014

 71.9417, 0.4191,
0.5055

 79.2538, 0.2962,
0.3014

Harmonies

Analogous

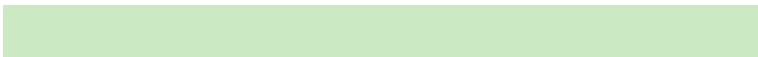
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4415, 0.3606, 0.3682



75.4415, 0.3417, 0.3770



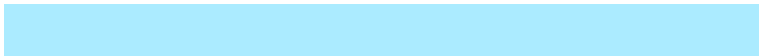
75.4415, 0.3155, 0.3720

Triad

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



75.4415, 0.3417, 0.3770



75.4415, 0.2618, 0.3047



75.4415, 0.3354, 0.3058

Complementary

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



75.4415, 0.3417, 0.3770



50.0689, 0.2807, 0.2760

Split Complementary

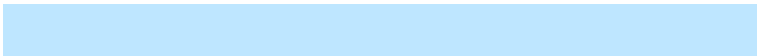
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4415, 0.3081, 0.2904



75.4415, 0.3417, 0.3770



75.4415, 0.2664, 0.2890

Square

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



75.4415, 0.3417, 0.3770



75.4415, 0.2700, 0.3285



75.4415, 0.2830, 0.2842



75.4415, 0.3571, 0.3271

Rectangle

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



75.4415, 0.3417, 0.3770



75.4415, 0.2976, 0.3611



75.4415, 0.2830, 0.2842



75.4415, 0.3265, 0.2999

Sweetspot

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



75.4448, 0.3417, 0.3770



99.0493, 0.3216, 0.3437



54.2281, 0.3507, 0.3291



21.1795, 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.



75.4448, 0.3417, 0.3770



96.7654, 0.3475, 0.3867



72.0795, 0.3257, 0.3795



16.8161, 0.3267, 0.3522



41.5337, 0.4191, 0.5055



3.0695, 0.4191, 0.5054

Inverse Universe

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



50.0689, 0.2807, 0.2760



58.6521, 0.2735, 0.2640



52.9952, 0.2975, 0.2786



13.8882, 0.2980, 0.3047



3.2361, 0.1501, 0.0600



0.2395, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 75.4415, 0.3417, 0.3770 looks on a white background.

Color Contrast Check

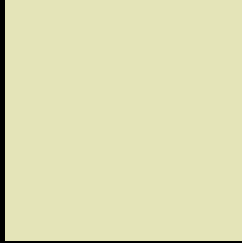
Large Text (above 18pt) WCAG AA × Fail

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 75.4415, 0.3417, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

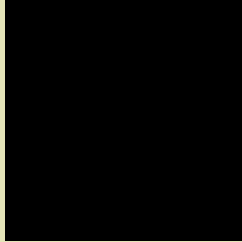
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

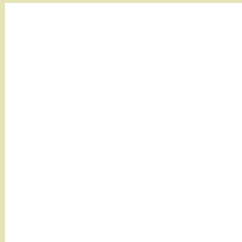
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4415, 0.3417, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 75.4415, 0.3417, 0.3770.



This preview shows how white text looks on a background with the Yxy color 75.4415, 0.3417, 0.3770.

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

75.4415, 0.3417, 0.3770

Protanopia

75.5785, 0.3519, 0.3748

Deuteranopia

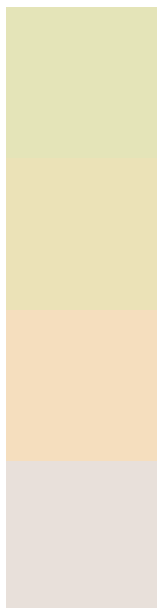
75.2531, 0.3579, 0.3547



Tritanopia

75.5481, 0.3114, 0.3114

Trichromacy



Original Color

75.4415, 0.3417, 0.3770

Protanomaly

75.4738, 0.3480, 0.3752

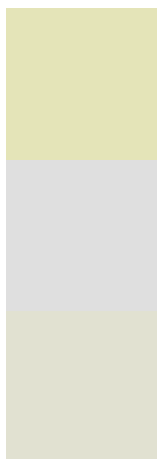
Deuteranomaly

75.3727, 0.3515, 0.3626

Tritanomaly

75.5291, 0.3223, 0.3354

Monochromacy



Original Color

75.4415, 0.3417, 0.3770

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.4614, 0.3232, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4415, 0.3417, 0.3770 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, 228, 184)` looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 184)  
}
```

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, 228, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 184) }
```

Border

The CSS property to change the border of an element to Yxy 75.4415, 0.3417, 0.3770 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, 228, 184) }
```

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

```
.border{ border-color:rgb(228, 228, 184) }
```

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

Here you see how a box with a 4 pixel rgb(228, 228, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 228, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 228, 184);  
box-shadow:4px 4px 4px 4px rgb(228, 228,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4415, 0.3417, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 184) }
```

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

```
.background{ background-color: rgb(228,  
228, 184) }
```

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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