

Converting Colors

$Yxy(75.8187, 0.3468, 0.3751)$

Have a look what the booklet for
Yxy(75.8187, 0.3468, 0.3751)
contains.

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Color

Yxy(75.8913, 0.3464, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	EAE3B8
RGB	234, 227, 184
RGB Percent	92%, 89%, 72%
CMY	0.0822, 0.1098, 0.2784
CMYK	0.00, 0.03, 0.21, 0.08
HSL	52°, 54%, 82%
HSV	52°, 21%, 92%
XYZ	70.0660, 75.8913, 56.3117
YIQ	224.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

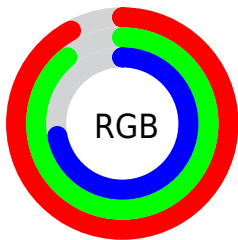
Format	Color
RYB	192, 234, 184
Decimal	15393720
CIELab	89.81, -4.40, 21.89
CIELCh	90, 22.329, 101.358
Yxy	75.8913, 0.3464, 0.3752
Android (android.graphics.Color)	4293583800 (0xFFEAE3B8)
YUV	224.1910, -19.8142, 8.6025
Hunter-Lab	87.1156, -8.8871, 22.6558

Details

The Yxy color **75.8913, 0.3464, 0.3752** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.4319, 0.2774, 0.2782**, and the grayscale version is **74.8269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **40.6087, 0.3538, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **73.2033, 0.3632, 0.3973**, and if you desaturate by 10%, it is **78.7832, 0.3302, 0.3532**.

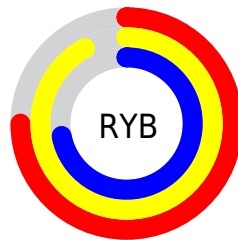
Distribution



Red (92%)

Green (89%)

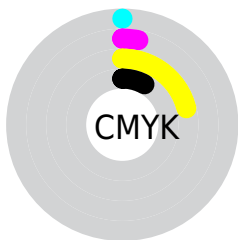
Blue (72%)



Red (75%)

Yellow (92%)

Blue (72%)

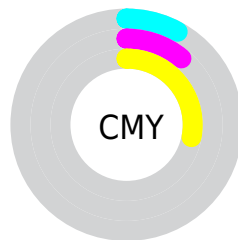


Cyan (0%)

Magenta (3%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (11%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8913, 0.3464, 0.3752 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 75.8913, 0.3464, 0.3752 by changing the saturation by 10% instead.

 75.8913, 0.3464,
0.3752

 75.8913, 0.3464,
0.3752


480.9755, 0.3311,
0.3538

 56.3434, 0.3498,
0.3801


 127.5732, 0.3411,
0.3678

 40.4783, 0.3540,
0.3860


160.4761, 0.3391,
0.3649

 27.9117, 0.3592,
0.3936


198.5993, 0.3373,
0.3624

 18.2591, 0.3658,
0.4033

242.3273, 0.3357,
0.3603

 11.1362, 0.3745,
0.4165

292.0446, 0.3344,
0.3584

 6.1585, 0.3863,
0.4349

348.1354, 0.3332,

 2.9417, 0.4029,

0.3567

0.4623

410.9843, 0.3321,
0.3552

■ 1.1014, 0.4572,
0.5428

■ 0.0000, 0.0000,
0.0000

■ 75.8913, 0.3464,
0.3752

■ 75.8913, 0.3464,
0.3752

■ 73.2033, 0.3632,
0.3973

■ 78.7832, 0.3302,
0.3532

■ 70.7008, 0.3800,
0.4186


■ 81.8763, 0.3148,
0.3319


■ 68.3783, 0.3962,
0.4384


■ 85.1813, 0.3004,
0.3116


■ 66.2262, 0.4112,
0.4554


■ 87.1600, 0.3000,
0.3142

 64.2336, 0.4243,
0.4689


 89.1247, 0.3000,
0.3175


 62.3881, 0.4348,
0.4780


 91.1250, 0.3000,
0.3208

 60.6749, 0.4424,
0.4825

 93.1612, 0.3000,
0.3241

 59.2832, 0.4470,
0.4833

 95.2333, 0.3000,
0.3274

 96.2409, 0.3000,
0.3290

Harmonies

Analogous

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



75.8913, 0.3624, 0.3639



75.8913, 0.3464, 0.3752



75.8913, 0.3217, 0.3736

Triad

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



75.8913, 0.3464, 0.3752



75.8913, 0.2635, 0.3101



75.8913, 0.3289, 0.3021

Complementary

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



75.8913, 0.3464, 0.3752



53.4319, 0.2774, 0.2782

Split Complementary

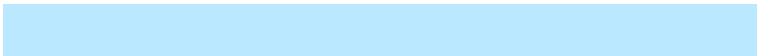
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8913, 0.3020, 0.2888



75.8913, 0.3464, 0.3752



75.8913, 0.2651, 0.2924

Square

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



75.8913, 0.3464, 0.3752



75.8913, 0.2743, 0.3345



75.8913, 0.2789, 0.2851



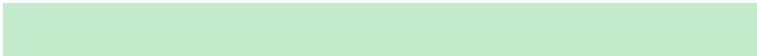
75.8913, 0.3522, 0.3220

Rectangle

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



75.8913, 0.3464, 0.3752



75.8913, 0.3039, 0.3648



75.8913, 0.2789, 0.2851



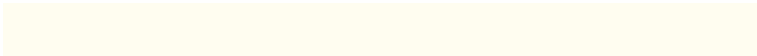
75.8913, 0.3200, 0.2967

Sweetspot

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



75.8947, 0.3464, 0.3752



97.6835, 0.3218, 0.3417



55.5739, 0.3495, 0.3208



20.8555, 0.3228, 0.3431



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.



75.8947, 0.3464, 0.3752



90.6158, 0.3543, 0.3857



77.0169, 0.3323, 0.3845



17.2434, 0.3271, 0.3491



33.4389, 0.4465, 0.4837



2.7253, 0.4422, 0.4871

Inverse Universe

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



53.4319, 0.2774, 0.2782



58.4146, 0.2685, 0.2651



52.7227, 0.2898, 0.2717



14.8918, 0.2980, 0.3081



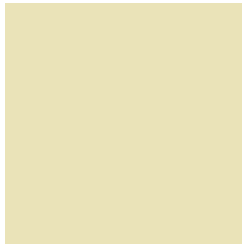
4.0573, 0.1532, 0.0714



0.4262, 0.1589, 0.0918

Previews

White Background



This preview shows how the Yxy color 75.8913, 0.3464, 0.3752 looks on a white background.

Color Contrast Check

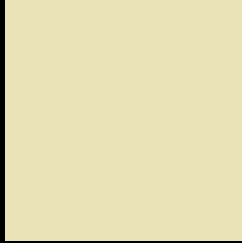
Large Text (above 18pt) WCAG AA × Fail

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 75.8913, 0.3464, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

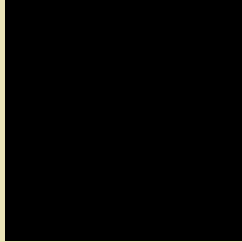
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

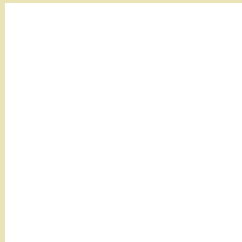
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8913, 0.3464, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 75.8913, 0.3464, 0.3752.



This preview shows how white text looks on a background with the Yxy color 75.8913, 0.3464, 0.3752.

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

75.8913, 0.3464, 0.3752

Protanopia

75.6200, 0.3512, 0.3737

Deuteranopia

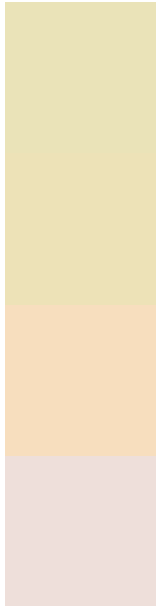
75.8181, 0.3570, 0.3547



Tritanopia

76.0016, 0.3164, 0.3116

Trichromacy



Original Color

75.8913, 0.3464, 0.3752

Protanomaly

75.8161, 0.3495, 0.3750

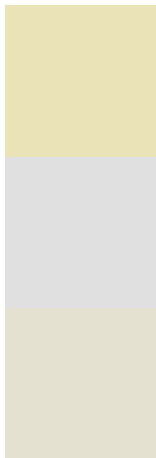
Deuteranomaly

75.7344, 0.3531, 0.3624

Tritanomaly

76.0145, 0.3267, 0.3343

Monochromacy



Original Color

75.8913, 0.3464, 0.3752

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9479, 0.3254, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8913, 0.3464, 0.3752 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(234, 227, 184)` looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 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(234, 227, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 184) }
```

Border

The CSS property to change the border of an element to Yxy 75.8913, 0.3464, 0.3752 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(234, 227, 184) }
```

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

```
.border{ border-color:rgb(234, 227, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 227, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 184);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8913, 0.3464, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 184) }
```

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

```
.background{ background-color: rgb(234,  
227, 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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