

Converting Colors

$Yxy(75.2481, 0.3497, 0.3840)$

Have a look what the booklet for
Yxy(75.2481, 0.3497, 0.3840)
contains.

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Color

Yxy(75.2286, 0.3503, 0.3842)

Conversions

Conversions Part 1

Format	Color
Hex	E8E3B0
RGB	232, 227, 176
RGB Percent	91%, 89%, 69%
CMY	0.0901, 0.1098, 0.3097
CMYK	0.00, 0.02, 0.24, 0.09
HSL	55°, 55%, 80%
HSV	55°, 24%, 91%
XYZ	68.5908, 75.2286, 51.9864
YIQ	222.6810, 19.3510, -14.8010

Conversions

Conversions Part 2

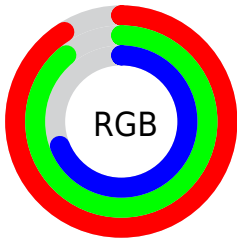
Format	Color
RYB	181, 232, 176
Decimal	15262640
CIELab	89.50, -6.26, 25.58
CIELCh	89, 26.334, 103.748
Yxy	75.2286, 0.3503, 0.3842
Android (android.graphics.Color)	4293452720 (0xFFE8E3B0)
YUV	222.6810, -23.0137, 8.1728
Hunter-Lab	86.7344, -10.6250, 25.1771

Details

The Yxy color **75.2286, 0.3503, 0.3842** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.1234, 0.2720, 0.2671**, and the grayscale version is **73.7144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **40.1652, 0.3588, 0.3978** is the 20% darker color. If you saturate the color by 10%, you get **73.2586, 0.3664, 0.4072**, and if you desaturate by 10%, it is **77.3761, 0.3343, 0.3610**.

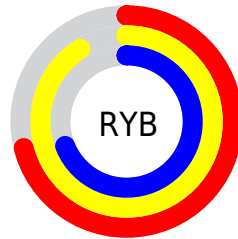
Distribution



Red (91%)

Green (89%)

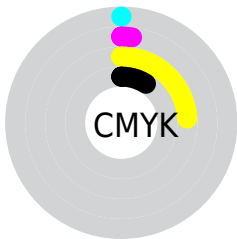
Blue (69%)



Red (71%)

Yellow (91%)

Blue (69%)

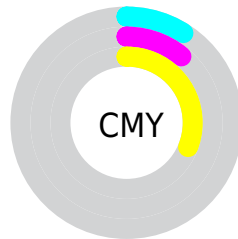


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2286, 0.3503, 0.3842 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 75.2286, 0.3503, 0.3842 by changing the saturation by 10% instead.

75.2286, 0.3503,
0.3842

75.2286, 0.3503,
0.3842

478.7029, 0.3333,
0.3586

55.8002, 0.3541,
0.3900

126.6359, 0.3445,
0.3753

40.0427, 0.3586,
0.3972

159.3836, 0.3422,
0.3719

27.5719, 0.3643,
0.4063

197.3398, 0.3402,
0.3689

18.0032, 0.3714,
0.4180

240.8890, 0.3385,
0.3663

10.9523, 0.3807,
0.4336

290.4155, 0.3370,
0.3640

6.0347, 0.3928,
0.4554

346.3037, 0.3356,

2.8662, 0.4121,

0.3620

0.4915

408.9381, 0.3344,
0.3602

1.0623, 0.4436,
0.5564

0.0000, 0.0000,
0.0000

75.2286, 0.3503,
0.3842

75.2286, 0.3503,
0.3842

73.2586, 0.3664,
0.4072

77.3761, 0.3343,
0.3610

71.4480, 0.3822,
0.4291

79.6984, 0.3189,
0.3382

69.7913, 0.3969,
0.4489

82.2059, 0.3043,
0.3163

68.2790, 0.4099,
0.4657

83.9826, 0.2987,
0.3091

66.9003, 0.4207,
0.4785

85.1838, 0.2987,
0.3113

65.6426, 0.4287,
0.4870

86.3990, 0.2987,
0.3134

64.4906, 0.4341,
0.4910

87.6283, 0.2987,
0.3155

63.8506, 0.4362,
0.4918

88.8717, 0.2987,
0.3176

90.1292, 0.2987,
0.3197

Harmonies

Analogous

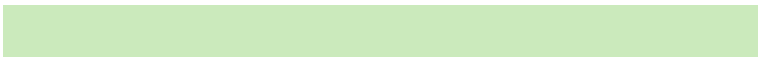
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2286, 0.3705, 0.3714



75.2286, 0.3503, 0.3842



75.2286, 0.3206, 0.3813

Triad

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



75.2286, 0.3503, 0.3842



75.2286, 0.2545, 0.3043



75.2286, 0.3343, 0.2990

Complementary

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



75.2286, 0.3503, 0.3842



48.1234, 0.2720, 0.2671

Split Complementary

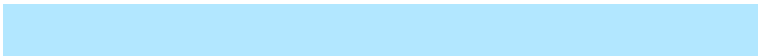
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2286, 0.3023, 0.2827



75.2286, 0.3503, 0.3842



75.2286, 0.2576, 0.2846

Square

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



75.2286, 0.3503, 0.3842



75.2286, 0.2660, 0.3329



75.2286, 0.2746, 0.2773



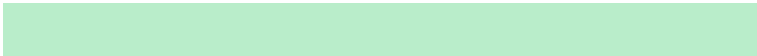
75.2286, 0.3613, 0.3225

Rectangle

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



75.2286, 0.3503, 0.3842



75.2286, 0.2997, 0.3700



75.2286, 0.2746, 0.2773



75.2286, 0.3237, 0.2926

Sweetspot

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



75.2320, 0.3503, 0.3842



97.8856, 0.3233, 0.3447



51.5777, 0.3581, 0.3228



20.9137, 0.3242, 0.3461



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.



75.2320, 0.3503, 0.3842



91.9578, 0.3584, 0.3958



74.5073, 0.3328, 0.3925



16.5844, 0.3270, 0.3502



35.5361, 0.4359, 0.4921



2.6911, 0.4332, 0.4942

Inverse Universe

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



48.1234, 0.2720, 0.2671



52.8817, 0.2623, 0.2520



48.9467, 0.2885, 0.2640



14.0940, 0.2980, 0.3069



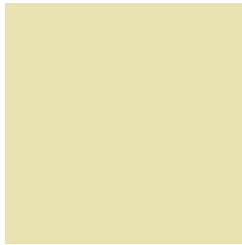
3.6055, 0.1517, 0.0661



0.3383, 0.1560, 0.0816

Previews

White Background



This preview shows how the Yxy color 75.2286, 0.3503, 0.3842 looks on a white background.

Color Contrast Check

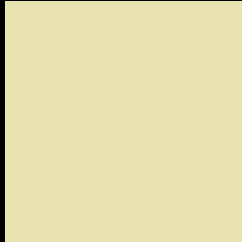
Large Text (above 18pt) WCAG AA × Fail

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 75.2286, 0.3503, 0.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

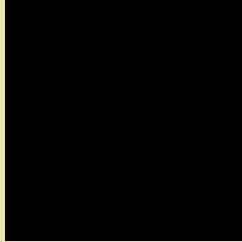
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

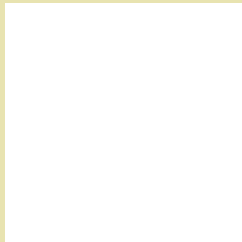
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2286, 0.3503, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 75.2286, 0.3503, 0.3842.



This preview shows how white text looks on a background with the Yxy color 75.2286, 0.3503, 0.3842.

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

75.2286, 0.3503, 0.3842

Protanopia

75.4708, 0.3575, 0.3822

Deuteranopia

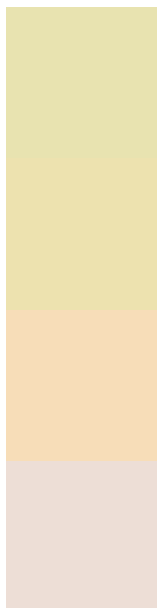
75.0769, 0.3608, 0.3588



Tritanopia

75.2444, 0.3164, 0.3116

Trichromacy



Original Color

75.2286, 0.3503, 0.3842

Protanomaly

75.4924, 0.3550, 0.3836

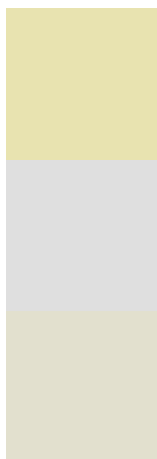
Deuteranomaly

74.9478, 0.3576, 0.3678

Tritanomaly

75.1021, 0.3289, 0.3375

Monochromacy



Original Color

75.2286, 0.3503, 0.3842

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9363, 0.3261, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2286, 0.3503, 0.3842 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(232, 227, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 227, 176)  
}
```

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(232, 227, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 227, 176) }
```

Border

The CSS property to change the border of an element to Yxy 75.2286, 0.3503, 0.3842 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(232, 227, 176) }
```

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

```
.border{ border-color:rgb(232, 227, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 227, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 227, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 227, 176); box-shadow:4px 4px 4px 4px rgb(232, 227, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2286, 0.3503, 0.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 227, 176) }
```

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

```
.background{ background-color: rgb(232,  
227, 176) }
```

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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