

Converting Colors

$Yxy(75.4386, 0.3442, 0.3715)$

Have a look what the booklet for
Yxy(75.4386, 0.3442, 0.3715)
contains.

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Color

Yxy(75.3042, 0.3438, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	E9E2BB
RGB	233, 226, 187
RGB Percent	91%, 89%, 73%
CMY	0.0863, 0.1137, 0.2668
CMYK	0.00, 0.03, 0.20, 0.09
HSL	51°, 51%, 82%
HSV	51°, 20%, 91%
XYZ	69.7644, 75.3042, 57.8529
YIQ	223.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

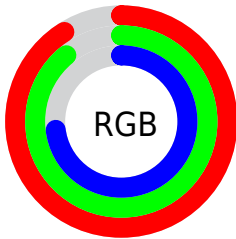
Format	Color
RYB	195, 233, 187
Decimal	15327931
CIELab	89.54, -3.87, 19.97
CIELCh	90, 20.340, 100.960
Yxy	75.3042, 0.3438, 0.3711
Android (android.graphics.Color)	4293518011 (0xFFE9E2BB)
YUV	223.6470, -18.0670, 8.2026
Hunter-Lab	86.7780, -8.3579, 21.2173

Details

The Yxy color **75.3042, 0.3438, 0.3711** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.0021, 0.2803, 0.2831**, and the grayscale version is **74.3979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **40.1942, 0.3505, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **72.4882, 0.3606, 0.3930**, and if you desaturate by 10%, it is **78.3284, 0.3276, 0.3494**.

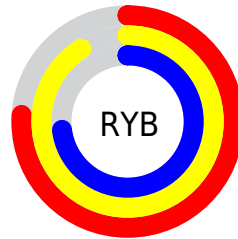
Distribution



Red (91%)

Green (89%)

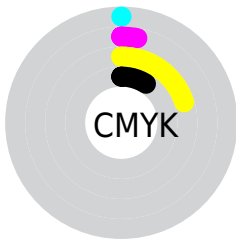
Blue (73%)



Red (76%)

Yellow (91%)

Blue (73%)

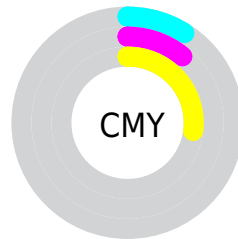


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3042, 0.3438, 0.3711 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 75.3042, 0.3438, 0.3711 by changing the saturation by 10% instead.

■ 75.3042, 0.3438,
0.3711

■ 75.3042, 0.3438,
0.3711

478.9625, 0.3296,
0.3516

■ 55.8621, 0.3470,
0.3755

■ 126.7429, 0.3389,
0.3643

■ 40.0924, 0.3509,
0.3810

159.5083, 0.3370,
0.3617

■ 27.6106, 0.3557,
0.3879

197.4836, 0.3354,
0.3595

■ 18.0323, 0.3620,
0.3969

241.0532, 0.3339,
0.3575

■ 10.9732, 0.3702,
0.4090

290.6015, 0.3327,
0.3557

■ 6.0488, 0.3815,
0.4261

346.5129, 0.3315,

■ 2.8748, 0.3976,

0.3542

0.4517

409.1717, 0.3305,
0.3528

■ 1.0667, 0.4606,
0.5394

■ 0.0000, 0.0000,
0.0000

■ 75.3042, 0.3438,
0.3711

■ 75.3042, 0.3438,
0.3711

■ 72.4882, 0.3606,
0.3930

■ 78.3284, 0.3276,
0.3494

■ 69.8622, 0.3776,
0.4143

■ 81.5582, 0.3124,
0.3285

■ 67.4210, 0.3943,
0.4342

■ 84.8833, 0.2993,
0.3105

■ 65.1551, 0.4098,
0.4516

■ 86.9442, 0.2993,
0.3141

63.0539, 0.4235,
0.4656

89.0457, 0.2993,
0.3177

61.1053, 0.4348,
0.4753

91.1878, 0.2993,
0.3212

59.2953, 0.4433,
0.4804

93.3709, 0.2993,
0.3247

57.6002, 0.4492,
0.4814

95.5952, 0.2993,
0.3282

57.5590, 0.4493,
0.4814

96.0617, 0.2993,
0.3290

Harmonies

Analogous

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



75.3042, 0.3582, 0.3608



75.3042, 0.3438, 0.3711



75.3042, 0.3214, 0.3697

Triad

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



75.3042, 0.3438, 0.3711



75.3042, 0.2676, 0.3122



75.3042, 0.3272, 0.3041

Complementary

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



75.3042, 0.3438, 0.3711



55.0021, 0.2803, 0.2831

Split Complementary

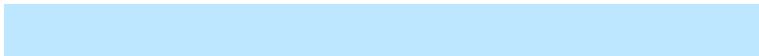
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3042, 0.3026, 0.2920



75.3042, 0.3438, 0.3711



75.3042, 0.2690, 0.2958

Square

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



75.3042, 0.3438, 0.3711



75.3042, 0.2778, 0.3344



75.3042, 0.2815, 0.2888



75.3042, 0.3485, 0.3224

Rectangle

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



75.3042, 0.3438, 0.3711



75.3042, 0.3051, 0.3618



75.3042, 0.2815, 0.2888



75.3042, 0.3191, 0.2992

Sweetspot

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



75.3076, 0.3438, 0.3711



97.5825, 0.3218, 0.3415



56.7726, 0.3454, 0.3206



20.8316, 0.3228, 0.3429



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.



75.3076, 0.3438, 0.3711



90.8890, 0.3511, 0.3807



76.7091, 0.3314, 0.3799



17.2152, 0.3272, 0.3488



32.8106, 0.4488, 0.4819



2.6818, 0.4441, 0.4856

Inverse Universe

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



55.0021, 0.2803, 0.2831



61.4113, 0.2724, 0.2714



54.0093, 0.2912, 0.2764



14.9175, 0.2980, 0.3084



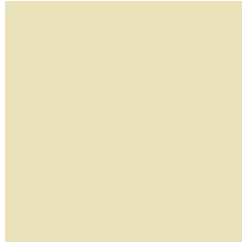
4.1427, 0.1535, 0.0727



0.4384, 0.1595, 0.0940

Previews

White Background



This preview shows how the Yxy color 75.3042, 0.3438, 0.3711 looks on a white background.

Color Contrast Check

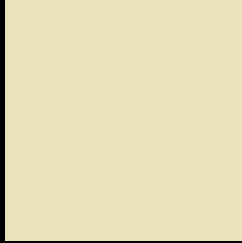
Large Text (above 18pt) WCAG AA × Fail

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 75.3042, 0.3438, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

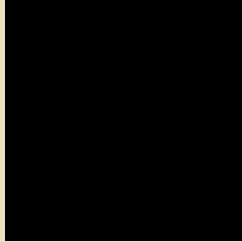
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

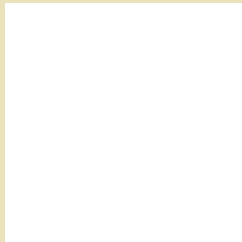
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3042, 0.3438, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 75.3042, 0.3438, 0.3711.

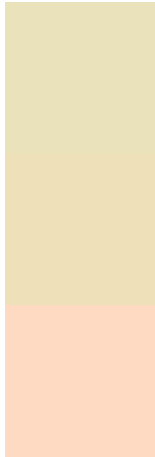


This preview shows how white text looks on a background with the Yxy color 75.3042, 0.3438, 0.3711.

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

75.3042, 0.3438, 0.3711

Protanopia

75.5727, 0.3484, 0.3706

Deuteranopia

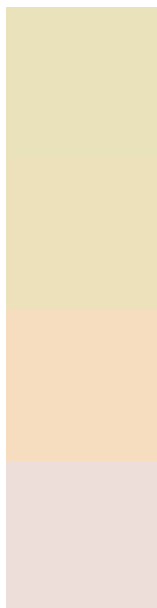
75.2978, 0.3572, 0.3537



Tritanopia

75.0699, 0.3157, 0.3115

Trichromacy



Original Color

75.3042, 0.3438, 0.3711

Protanomaly

75.2285, 0.3469, 0.3708

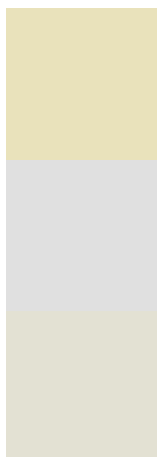
Deuteranomaly

75.2486, 0.3526, 0.3604

Tritanomaly

75.3090, 0.3261, 0.3332

Monochromacy



Original Color

75.3042, 0.3438, 0.3711

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8845, 0.3233, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3042, 0.3438, 0.3711 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(233, 226, 187)` looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 187)  
}
```

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(233, 226, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 187) }
```

Border

The CSS property to change the border of an element to Yxy 75.3042, 0.3438, 0.3711 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(233, 226, 187) }
```

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

```
.border{ border-color:rgb(233, 226, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 187);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3042, 0.3438, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 187) }
```

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

```
.background{ background-color: rgb(233,  
226, 187) }
```

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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