

Converting Colors

$Yxy(75.4383, 0.3337, 0.3536)$

Have a look what the booklet for
Yxy(75.4383, 0.3337, 0.3536)
contains.

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Color

Yxy(75.4383, 0.3337, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1CA
RGB	233, 225, 202
RGB Percent	91%, 88%, 79%
CMY	0.0863, 0.1176, 0.2077
CMYK	0.00, 0.03, 0.13, 0.09
HSL	45°, 41%, 85%
HSV	45°, 13%, 91%
XYZ	71.1928, 75.4383, 66.7125
YIQ	224.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

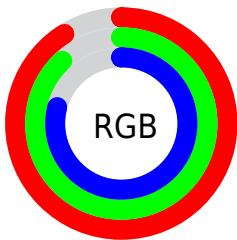
Format	Color
R _Y B	213, 233, 202
Decimal	15327690
CIE Lab	89.60, -1.08, 12.20
CIE LCh	90, 12.245, 95.059
Yxy	75.4383, 0.3337, 0.3536
Android (android.graphics.Color)	4293517770 (0xFFE9E1CA)
YUV	224.7700, -11.2256, 7.2177
Hunter-Lab	86.8552, -5.6853, 15.2587

Details

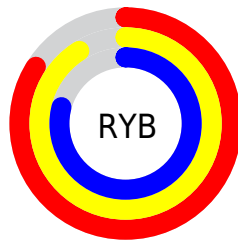
The Yxy color **75.4383, 0.3337, 0.3536** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5566, 0.2918, 0.3031**, and the grayscale version is **75.2002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2347, 0.3383, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **71.2239, 0.3510, 0.3729**, and if you desaturate by 10%, it is **79.9406, 0.3177, 0.3349**.

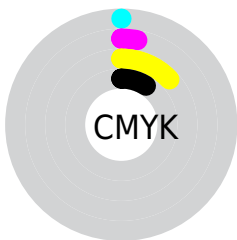
Distribution



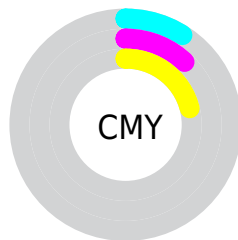
- Red (91%)
- Green (88%)
- Blue (79%)



- Red (84%)
- Yellow (91%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4383, 0.3337, 0.3536 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 75.4383, 0.3337, 0.3536 by changing the saturation by 10% instead.

■ 75.4383, 0.3337,
0.3536

■ 75.4383, 0.3337,
0.3536

479.4227, 0.3241,
0.3423

■ 55.9720, 0.3359,
0.3562

126.9326, 0.3304,
0.3497

■ 40.1805, 0.3386,
0.3594

159.7294, 0.3291,
0.3481

■ 27.6793, 0.3420,
0.3634

197.7386, 0.3280,
0.3468

■ 18.0841, 0.3464,
0.3686

241.3444, 0.3270,
0.3457

■ 11.0104, 0.3523,
0.3757

290.9313, 0.3261,
0.3447

■ 6.0738, 0.3608,
0.3859

346.8838, 0.3254,

■ 2.8900, 0.3736,

0.3438

409.5861, 0.3247,
0.3430

0.4015

1.0746, 0.4183,
0.4533

0.0000, 0.0000,
0.0000

75.4383, 0.3337,
0.3536

75.4383, 0.3337,
0.3536

71.2239, 0.3510,
0.3729

79.9406, 0.3177,
0.3349

67.2789, 0.3694,
0.3923

84.7289, 0.3030,
0.3172

63.5973, 0.3884,
0.4112

88.6746, 0.2993,
0.3170

60.1692, 0.4075,
0.4285

92.3355, 0.2993,
0.3231

■ 56.9840, 0.4259,
0.4432

■ 96.0628, 0.2993,
0.3290

■ 54.0294, 0.4427,
0.4543

■ 51.2919, 0.4571,
0.4608

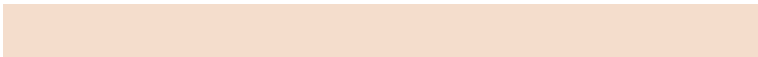
■ 48.7551, 0.4685,
0.4624

■ 47.1475, 0.4747,
0.4613

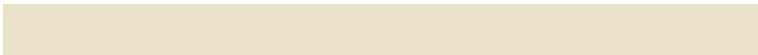
Harmonies

Analogous

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



75.4383, 0.3408, 0.3467



75.4383, 0.3337, 0.3536



75.4383, 0.3210, 0.3539

Triad

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



75.4383, 0.3337, 0.3536



75.4383, 0.2860, 0.3216



75.4383, 0.3187, 0.3119

Complementary

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



75.4383, 0.3337, 0.3536



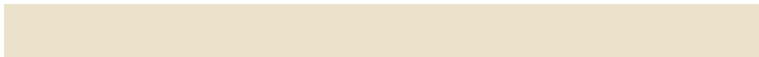
64.5566, 0.2918, 0.3031

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.



75.4383, 0.3040, 0.3054



75.4383, 0.3337, 0.3536



75.4383, 0.2853, 0.3107

Square

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



75.4383, 0.3337, 0.3536



75.4383, 0.2936, 0.3351



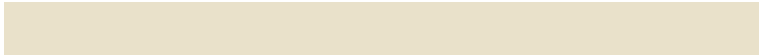
75.4383, 0.2919, 0.3049



75.4383, 0.3321, 0.3227

Rectangle

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



75.4383, 0.3337, 0.3536



75.4383, 0.3112, 0.3500



75.4383, 0.2919, 0.3049



75.4383, 0.3137, 0.3092

Sweetspot

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



75.4416, 0.3337, 0.3536



97.6915, 0.3188, 0.3363



64.2528, 0.3308, 0.3201



20.8185, 0.3200, 0.3377



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.



75.4416, 0.3337, 0.3536



91.1073, 0.3384, 0.3590



78.6734, 0.3275, 0.3624



16.9304, 0.3274, 0.3464



26.9642, 0.4736, 0.4621



2.2709, 0.4644, 0.4694

Inverse Universe

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



64.5566, 0.2918, 0.3031



75.2531, 0.2870, 0.2972



61.7391, 0.2967, 0.2945



15.1811, 0.2980, 0.3110



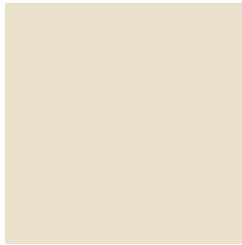
5.3510, 0.1585, 0.0907



0.5716, 0.1659, 0.1170

Previews

White Background



This preview shows how the Yxy color 75.4383, 0.3337, 0.3536 looks on a white background.

Color Contrast Check

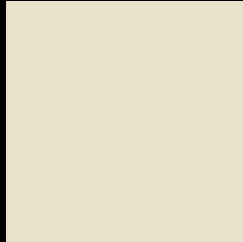
Large Text (above 18pt) WCAG AA × Fail

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 75.4383, 0.3337, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

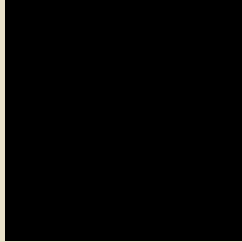
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

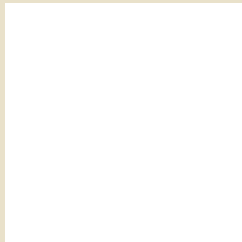
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4383, 0.3337, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 75.4383, 0.3337, 0.3536.

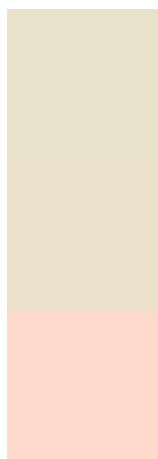


This preview shows how white text looks on a background with the Yxy color 75.4383, 0.3337, 0.3536.

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

75.4383, 0.3337, 0.3536

Protanopia

75.2377, 0.3353, 0.3525

Deuteranopia

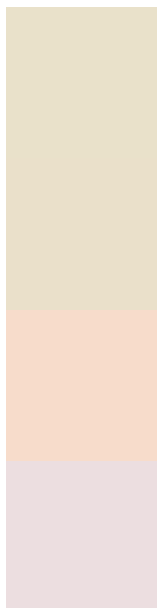
75.2453, 0.3501, 0.3423



Tritanopia

75.4780, 0.3142, 0.3115

Trichromacy



Original Color

75.4383, 0.3337, 0.3536

Protanomaly

75.0680, 0.3346, 0.3526

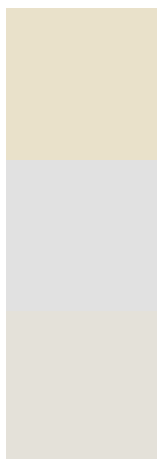
Deuteranomaly

75.2724, 0.3442, 0.3467

Tritanomaly

75.4572, 0.3213, 0.3269

Monochromacy



Original Color

75.4383, 0.3337, 0.3536

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3542, 0.3201, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4383, 0.3337, 0.3536 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, 225, 202)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 202)  
}
```

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, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 202) }
```

Border

The CSS property to change the border of an element to Yxy 75.4383, 0.3337, 0.3536 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, 225, 202) }
```

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

```
.border{ border-color:rgb(233, 225, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 202);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4383, 0.3337, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 202) }
```

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

```
.background{ background-color: rgb(233,  
225, 202) }
```

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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