

Converting Colors

$Yxy(75.9906, 0.3232, 0.3369)$

Have a look what the booklet for
Yxy(75.9906, 0.3232, 0.3369)
contains.

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Color

Yxy(76.1838, 0.3236, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1D9
RGB	233, 225, 217
RGB Percent	91%, 88%, 85%
CMY	0.0864, 0.1176, 0.1490
CMYK	0.00, 0.03, 0.07, 0.09
HSL	30°, 27%, 88%
HSV	30°, 7%, 91%
XYZ	73.0462, 76.1838, 76.4998
YIQ	226.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

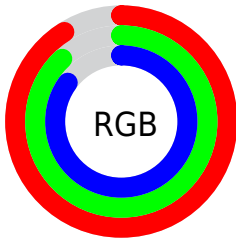
Format	Color
R _Y B	233, 233, 217
Decimal	15327705
CIE Lab	89.94, 1.33, 4.86
CIE LCh	90, 5.043, 74.679
Yxy	76.1838, 0.3236, 0.3375
Android (android.graphics.Color)	4293517785 (0xFFE9E1D9)
YUV	226.4800, -4.6736, 5.7180
Hunter-Lab	87.2833, -3.3618, 9.1334

Details

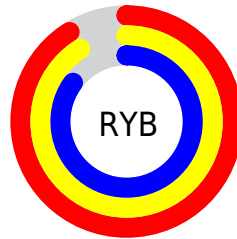
The Yxy color **76.1838, 0.3236, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4593, 0.3022, 0.3204**, and the grayscale version is **76.4486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7052, 0.3260, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **68.9959, 0.3414, 0.3505**, and if you desaturate by 10%, it is **83.9760, 0.3081, 0.3252**.

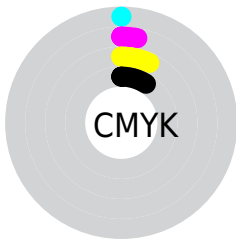
Distribution



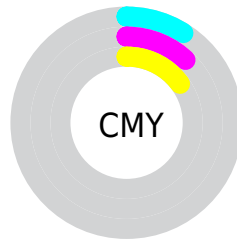
- Red (91%)
- Green (88%)
- Blue (85%)



- Red (91%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1838, 0.3236, 0.3375 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 76.1838, 0.3236, 0.3375 by changing the saturation by 10% instead.

■ 76.1838, 0.3236,
0.3375

■ 76.1838, 0.3236,
0.3375

481.9766, 0.3186,
0.3336

■ 56.5832, 0.3247,
0.3384

127.9867, 0.3219,
0.3362

■ 40.6707, 0.3261,
0.3395

160.9578, 0.3212,
0.3356

■ 28.0619, 0.3279,
0.3408

199.1545, 0.3206,
0.3352

■ 18.3723, 0.3302,
0.3426

242.9613, 0.3201,
0.3348

■ 11.2176, 0.3334,
0.3450

292.7625, 0.3197,
0.3344

■ 6.2134, 0.3379,
0.3484

348.9426, 0.3193,

■ 2.9753, 0.3449,

0.3341

411.8858, 0.3189,
0.3339

0.3537

1.1188, 0.3578,
0.3633

0.0000, 1.0000,
0.0000

76.1838, 0.3236,
0.3375

76.1838, 0.3236,
0.3375

68.9959, 0.3414,
0.3505

83.9760, 0.3081,
0.3252

62.3867, 0.3616,
0.3641

91.8113, 0.2993,
0.3222

56.3433, 0.3843,
0.3777

96.0586, 0.2993,
0.3290

50.8484, 0.4093,
0.3908

■ 45.8838, 0.4361,
0.4023

■ 41.4300, 0.4638,
0.4112

■ 37.4657, 0.4908,
0.4161

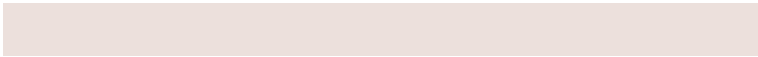
■ 33.9671, 0.5155,
0.4158

■ 30.9067, 0.5363,
0.4101

Harmonies

Analogous

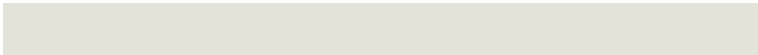
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1838, 0.3244, 0.3334



76.1838, 0.3236, 0.3375



76.1838, 0.3199, 0.3394

Triad

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



76.1838, 0.3236, 0.3375



76.1838, 0.3035, 0.3298



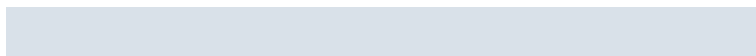
76.1838, 0.3111, 0.3198

Complementary

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



76.1838, 0.3236, 0.3375



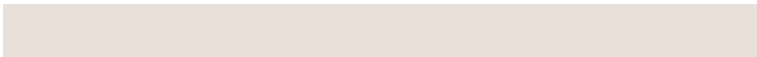
74.4593, 0.3022, 0.3204

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.



76.1838, 0.3055, 0.3188



76.1838, 0.3236, 0.3375



76.1838, 0.3012, 0.3245

Square

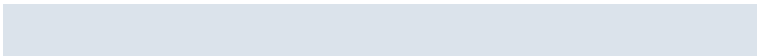
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1838, 0.3236, 0.3375



76.1838, 0.3083, 0.3349



76.1838, 0.3019, 0.3205



76.1838, 0.3171, 0.3232

Rectangle

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



76.1838, 0.3236, 0.3375



76.1838, 0.3163, 0.3391



76.1838, 0.3019, 0.3205



76.1838, 0.3091, 0.3192

Sweetspot

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



76.1871, 0.3236, 0.3375



98.0657, 0.3158, 0.3315



72.3799, 0.3189, 0.3206



21.0105, 0.3156, 0.3313



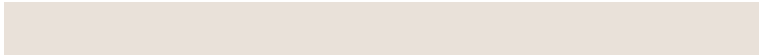
0.0000, 0.0000, 0.0000



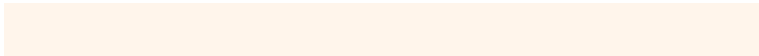
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1871, 0.3236, 0.3375



92.4423, 0.3256, 0.3390



80.5891, 0.3229, 0.3458



16.3033, 0.3280, 0.3408



17.2895, 0.5399, 0.4095



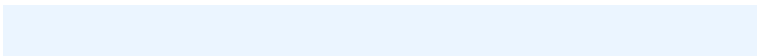
1.5501, 0.5188, 0.4263

Inverse Universe

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



74.4593, 0.3022, 0.3204



89.9746, 0.3003, 0.3188



70.2592, 0.3022, 0.3117



15.7885, 0.2981, 0.3169



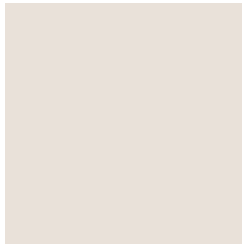
10.6813, 0.1771, 0.1574



1.0311, 0.1840, 0.1825

Previews

White Background



This preview shows how the Yxy color 76.1838, 0.3236, 0.3375 looks on a white background.

Color Contrast Check

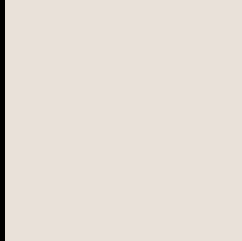
Large Text (above 18pt) WCAG AA × Fail

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 76.1838, 0.3236, 0.3375 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

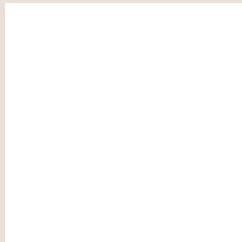
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1838, 0.3236, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 76.1838, 0.3236, 0.3375.

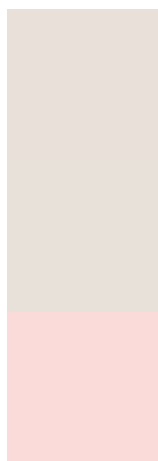


This preview shows how white text looks on a background with the Yxy color 76.1838, 0.3236, 0.3375.

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

76.1838, 0.3236, 0.3375

Protanopia

76.0160, 0.3229, 0.3375

Deuteranopia

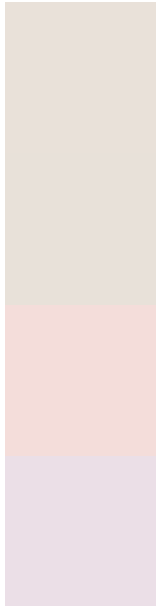
76.2342, 0.3367, 0.3301



Tritanopia

76.3074, 0.3114, 0.3115

Trichromacy



Original Color

76.1838, 0.3236, 0.3375

Protanomaly

76.0160, 0.3229, 0.3375

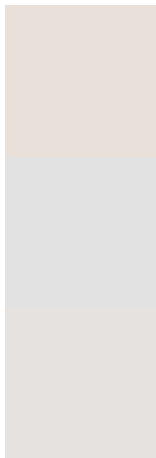
Deuteranomaly

76.0080, 0.3313, 0.3322

Tritanomaly

76.2070, 0.3159, 0.3207

Monochromacy



Original Color

76.1838, 0.3236, 0.3375

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.3784, 0.3168, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1838, 0.3236, 0.3375 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 217) }
```

Border

The CSS property to change the border of an element to Yxy 76.1838, 0.3236, 0.3375 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, 217) }
```

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

```
.border{ border-color:rgb(233, 225, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1838, 0.3236, 0.3375 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, 217) }
```

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

```
.background{ background-color: rgb(233,  
225, 217) }
```

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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