

Converting Colors

$Yxy(76.3717, 0.3384, 0.3500)$

Have a look what the booklet for
Yxy(76.3717, 0.3384, 0.3500)
contains.

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Color

Yxy(76.3717, 0.3384, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	F1E0CC
RGB	241, 224, 204
RGB Percent	95%, 88%, 80%
CMY	0.0548, 0.1216, 0.1999
CMYK	0.00, 0.07, 0.15, 0.05
HSL	32°, 57%, 87%
HSV	32°, 15%, 95%
XYZ	73.8405, 76.3717, 67.9926
YIQ	226.8030, 16.5520, -2.6160

Conversions

Conversions Part 2

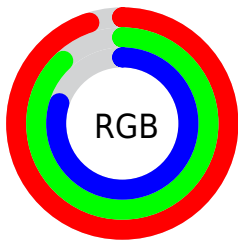
Format	Color
R _Y B	235, 241, 204
Decimal	15851724
CIE Lab	90.03, 2.61, 11.87
CIE LCh	90, 12.149, 77.587
Yxy	76.3717, 0.3384, 0.3500
Android (android.graphics.Color)	4294041804 (0xFFFF1E0CC)
YUV	226.8030, -11.2419, 12.4508
Hunter-Lab	87.3909, -2.1114, 15.0443

Details

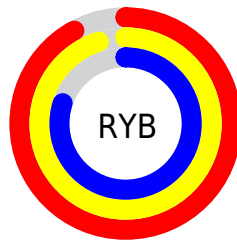
The Yxy color $76.3717, 0.3384, 0.3500$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.9414, 0.2886, 0.3071$, and the grayscale version is $76.7452, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.8922, 0.3445, 0.3548$ is the 20% darker color. If you saturate the color by 10%, you get $69.5346, 0.3579, 0.3645$, and if you desaturate by 10%, it is $83.7840, 0.3211, 0.3361$.

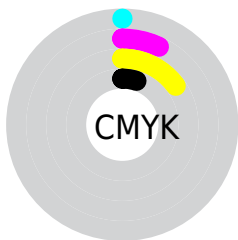
Distribution



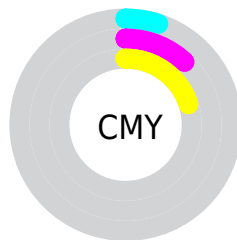
- Red (95%)
- Green (88%)
- Blue (80%)



- Red (92%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3717, 0.3384, 0.3500 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 76.3717, 0.3384, 0.3500 by changing the saturation by 10% instead.


 76.3717, 0.3384,
0.3500

 76.3717, 0.3384,
0.3500


482.6191, 0.3266,
0.3404

 56.7374, 0.3411,
0.3522


128.2522, 0.3343,
0.3467

 40.7944, 0.3444,
0.3548


161.2671, 0.3327,
0.3454

 28.1585, 0.3486,
0.3581


199.5110, 0.3313,
0.3443

 18.4452, 0.3540,
0.3624

243.3683, 0.3301,
0.3433

 11.2701, 0.3614,
0.3681

293.2234, 0.3291,
0.3425

 6.2488, 0.3718,
0.3762

349.4606, 0.3282,

 2.9969, 0.3879,

0.3417

412.4644, 0.3273,
0.3410

0.3882

1.1301, 0.4326,
0.4247

0.0035, 0.9504,
0.0496

76.3717, 0.3384,
0.3500

76.3717, 0.3384,
0.3500

69.5346, 0.3579,
0.3645

83.7840, 0.3211,
0.3361

63.2468, 0.3797,
0.3791

91.7761, 0.3059,
0.3230

57.4955, 0.4035,
0.3932

97.4462, 0.3042,
0.3290

52.2630, 0.4289,
0.4060

■ 47.5307, 0.4550,
0.4161

■ 43.2781, 0.4804,
0.4225

■ 39.4826, 0.5036,
0.4238

■ 36.1178, 0.5233,
0.4196

■ 34.6856, 0.5314,
0.4163

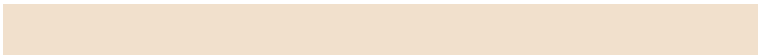
Harmonies

Analogous

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



76.3717, 0.3411, 0.3403



76.3717, 0.3384, 0.3500



76.3717, 0.3287, 0.3543

Triad

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



76.3717, 0.3384, 0.3500



76.3717, 0.2899, 0.3294



76.3717, 0.3101, 0.3077

Complementary

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



76.3717, 0.3384, 0.3500



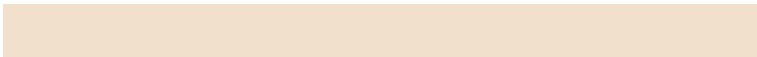
70.9414, 0.2886, 0.3071

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.



76.3717, 0.2966, 0.3046



76.3717, 0.3384, 0.3500



76.3717, 0.2851, 0.3167

Square

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



76.3717, 0.3384, 0.3500



76.3717, 0.3007, 0.3423



76.3717, 0.2875, 0.3078



76.3717, 0.3246, 0.3162

Rectangle

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



76.3717, 0.3384, 0.3500



76.3717, 0.3197, 0.3533



76.3717, 0.2875, 0.3078



76.3717, 0.3053, 0.3060

Sweetspot

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



76.3751, 0.3384, 0.3500



95.5173, 0.3206, 0.3357



67.1415, 0.3287, 0.3109



20.3127, 0.3217, 0.3366



0.0000, 0.0000, 0.0000



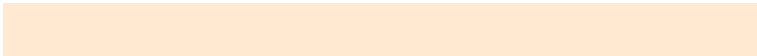
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3751, 0.3384, 0.3500



84.6379, 0.3435, 0.3539



85.7798, 0.3349, 0.3672



17.1718, 0.3280, 0.3417



19.0770, 0.5291, 0.4181



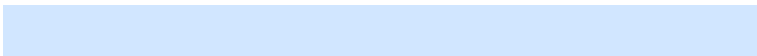
1.7859, 0.5107, 0.4327

Inverse Universe

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



70.9414, 0.2886, 0.3071



77.5137, 0.2841, 0.3028



62.5681, 0.2887, 0.2879



16.4281, 0.2980, 0.3159



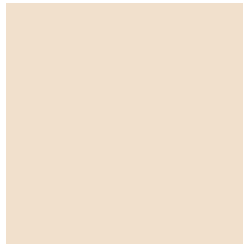
9.8680, 0.1736, 0.1449



1.0178, 0.1805, 0.1698

Previews

White Background



This preview shows how the Yxy color 76.3717, 0.3384, 0.3500 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 76.3717, 0.3384, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

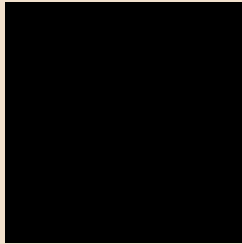
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

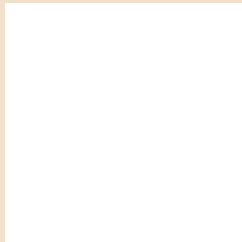
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3717, 0.3384, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 76.3717, 0.3384, 0.3500.

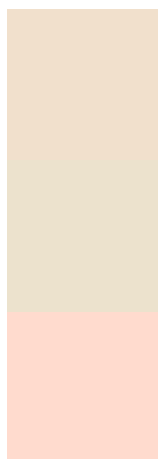


This preview shows how white text looks on a background with the Yxy color 76.3717, 0.3384, 0.3500.

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

76.3717, 0.3384, 0.3500

Protanopia

76.6334, 0.3337, 0.3513

Deuteranopia

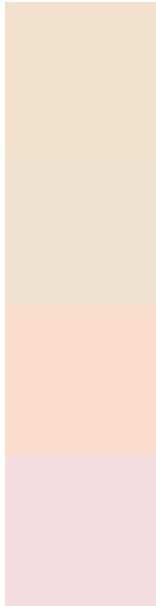
76.3793, 0.3483, 0.3423



Tritanopia

76.1316, 0.3199, 0.3118

Trichromacy



Original Color

76.3717, 0.3384, 0.3500

Protanomaly

76.4353, 0.3354, 0.3502

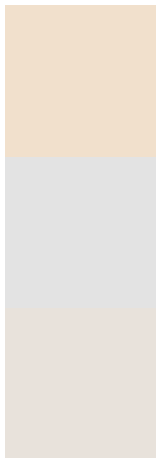
Deuteranomaly

76.4447, 0.3449, 0.3455

Tritanomaly

76.3278, 0.3272, 0.3260

Monochromacy



Original Color

76.3717, 0.3384, 0.3500

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6630, 0.3215, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3717, 0.3384, 0.3500 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(241, 224, 204)` looks like.

```
.text, #text, p{  
    color:rgb(241, 224, 204)  
}
```

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(241, 224, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 224, 204) }
```

Border

The CSS property to change the border of an element to Yxy 76.3717, 0.3384, 0.3500 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(241, 224, 204) }
```

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

```
.border{ border-color:rgb(241, 224, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 224, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 224, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 224, 204);  
box-shadow:4px 4px 4px 4px rgb(241, 224,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3717, 0.3384, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 224, 204) }
```

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

```
.background{ background-color: rgb(241,  
224, 204) }
```

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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