

Converting Colors

$Yxy(77.3104, 0.3385, 0.3704)$

Have a look what the booklet for
Yxy(77.3104, 0.3385, 0.3704)
contains.

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Color

Yxy(77.3441, 0.3389, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	E7E6BF
RGB	231, 230, 191
RGB Percent	91%, 90%, 75%
CMY	0.0941, 0.0980, 0.2511
CMYK	0.00, 0.00, 0.17, 0.09
HSL	59°, 45%, 83%
HSV	59°, 17%, 91%
XYZ	70.6521, 77.3441, 60.4785
YIQ	225.8530, 13.1150, -11.9170

Conversions

Conversions Part 2

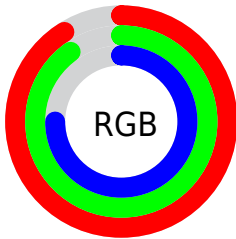
Format	Color
R_YB	192, 231, 191
Decimal	15197887
CIE Lab	90.48, -6.03, 19.18
CIE LCh	90, 20.109, 107.460
Yxy	77.3441, 0.3389, 0.3710
Android (android.graphics.Color)	4293387967 (0xFFE7E6BF)
YUV	225.8530, -17.1825, 4.5139
Hunter-Lab	87.9455, -10.5045, 20.7892

Details

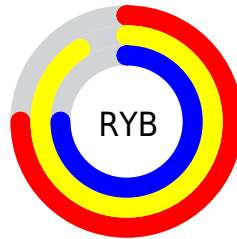
The Yxy color **77.3441, 0.3389, 0.3710** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.5235, 0.2844, 0.2832**, and the grayscale version is **76.0611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **41.5800, 0.3448, 0.3821** is the 20% darker color. If you saturate the color by 10%, you get **76.0931, 0.3544, 0.3957**, and if you desaturate by 10%, it is **78.7633, 0.3236, 0.3465**.

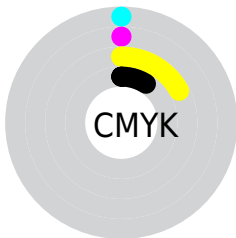
Distribution



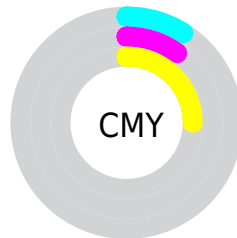
- Red (91%)
- Green (90%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3441, 0.3389, 0.3710 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 77.3441, 0.3389, 0.3710 by changing the saturation by 10% instead.

■ 77.3441, 0.3389,
0.3710

■ 77.3441, 0.3389,
0.3710

485.9364, 0.3271,
0.3516

■ 57.5353, 0.3415,
0.3754

■ 129.6251, 0.3349,
0.3643

■ 41.4352, 0.3447,
0.3809

162.8661, 0.3333,
0.3616

■ 28.6593, 0.3487,
0.3878

201.3534, 0.3319,
0.3594

■ 18.8232, 0.3538,
0.3968

245.4712, 0.3307,
0.3574

■ 11.5426, 0.3605,
0.4089

295.6040, 0.3296,
0.3557

■ 6.4331, 0.3696,
0.4262

352.1362, 0.3287,

■ 3.1102, 0.3823,

0.3542

0.4523

415.4523, 0.3278,
0.3528

■ 1.1895, 0.4468,
0.5532

■ 0.0531, 0.0000,
1.0000

■ 77.3441, 0.3389,
0.3710

■ 77.3441, 0.3389,
0.3710

■ 76.0931, 0.3544,
0.3957

■ 78.7633, 0.3236,
0.3465

■ 74.9927, 0.3695,
0.4196


■ 80.3476, 0.3088,
0.3228


■ 74.0380, 0.3837,
0.4420

■ 81.7626, 0.2980,
0.3054

■ 73.2204, 0.3963,
0.4617


■ 82.0832, 0.2980,
0.3060

 72.5298, 0.4069,
0.4779

 82.4048, 0.2980,
0.3066


 71.9554, 0.4149,
0.4899

 82.7275, 0.2980,
0.3072


 71.4839, 0.4203,
0.4976

 83.0512, 0.2980,
0.3077

 71.0981, 0.4232,
0.5011

 83.3759, 0.2980,
0.3083

 71.0021, 0.4237,
0.5018

 83.7017, 0.2980,
0.3089

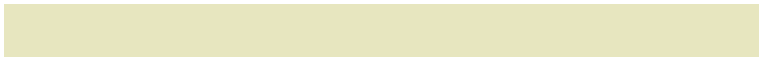
Harmonies

Analogous

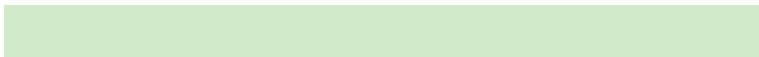
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3441, 0.3551, 0.3632



77.3441, 0.3389, 0.3710



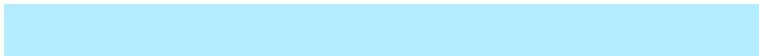
77.3441, 0.3160, 0.3669

Triad

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



77.3441, 0.3389, 0.3710



77.3441, 0.2678, 0.3084



77.3441, 0.3320, 0.3081

Complementary

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



77.3441, 0.3389, 0.3710



54.5235, 0.2844, 0.2832

Split Complementary

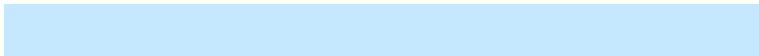
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3441, 0.3080, 0.2946



77.3441, 0.3389, 0.3710



77.3441, 0.2716, 0.2941

Square

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



77.3441, 0.3389, 0.3710



77.3441, 0.2754, 0.3294



77.3441, 0.2861, 0.2894



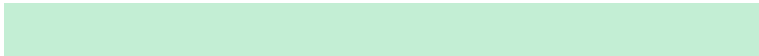
77.3441, 0.3512, 0.3268

Rectangle

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



77.3441, 0.3389, 0.3710



77.3441, 0.3002, 0.3575



77.3441, 0.2861, 0.2894



77.3441, 0.3242, 0.3028

Sweetspot

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



77.3475, 0.3389, 0.3710



99.0055, 0.3201, 0.3409



58.0573, 0.3449, 0.3276



21.1623, 0.3212, 0.3426



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.



77.3475, 0.3389, 0.3710



96.1789, 0.3448, 0.3804



74.9544, 0.3253, 0.3739



16.7530, 0.3268, 0.3517



39.8350, 0.4237, 0.5018



2.9631, 0.4230, 0.5024

Inverse Universe

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



54.5235, 0.2844, 0.2832



62.3033, 0.2774, 0.2719



56.6693, 0.2982, 0.2839



13.9438, 0.2980, 0.3053



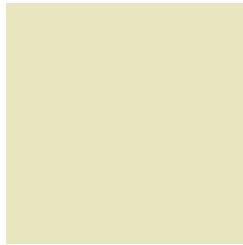
3.3300, 0.1505, 0.0616



0.2663, 0.1517, 0.0661

Previews

White Background



This preview shows how the Yxy color 77.3441, 0.3389, 0.3710 looks on a white background.

Color Contrast Check

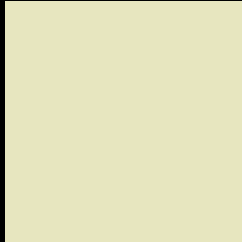
Large Text (above 18pt) WCAG AA × Fail

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 77.3441, 0.3389, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

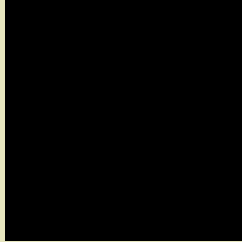
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

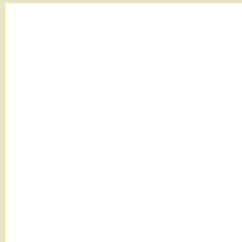
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3441, 0.3389, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 77.3441, 0.3389, 0.3710.



This preview shows how white text looks on a background with the Yxy color 77.3441, 0.3389, 0.3710.

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

77.3441, 0.3389, 0.3710

Protanopia

77.1811, 0.3467, 0.3681

Deuteranopia

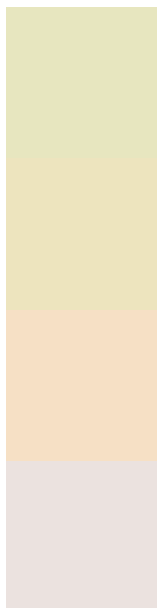
77.1899, 0.3515, 0.3494



Tritanopia

77.3034, 0.3115, 0.3106

Trichromacy



Original Color

77.3441, 0.3389, 0.3710

Protanomaly

77.2090, 0.3443, 0.3694

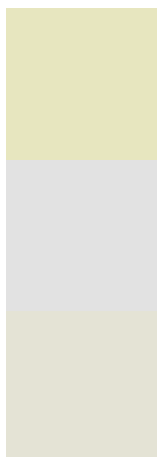
Deuteranomaly

76.9354, 0.3470, 0.3572

Tritanomaly

77.3826, 0.3210, 0.3322

Monochromacy



Original Color

77.3441, 0.3389, 0.3710

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2362, 0.3225, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3441, 0.3389, 0.3710 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(231, 230, 191)` looks like.

```
.text, #text, p{  
    color:rgb(231, 230, 191)  
}
```

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(231, 230, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 230, 191) }
```

Border

The CSS property to change the border of an element to Yxy 77.3441, 0.3389, 0.3710 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(231, 230, 191) }
```

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

```
.border{ border-color:rgb(231, 230, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 230, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 230, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 230, 191);  
box-shadow:4px 4px 4px 4px rgb(231, 230,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3441, 0.3389, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 230, 191) }
```

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

```
.background{ background-color: rgb(231,  
230, 191) }
```

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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