

Converting Colors

$Yxy(76.2467, 0.3389, 0.3673)$

Have a look what the booklet for
Yxy(76.2467, 0.3389, 0.3673)
contains.

Yxy(76.4484, 0.3393, 0.3677)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.4484, 0.3393, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	E8E4C0
RGB	232, 228, 192
RGB Percent	91%, 89%, 75%
CMY	0.0901, 0.1059, 0.2470
CMYK	0.00, 0.02, 0.17, 0.09
HSL	54°, 47%, 83%
HSV	54°, 17%, 91%
XYZ	70.5438, 76.4484, 60.9175
YIQ	225.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

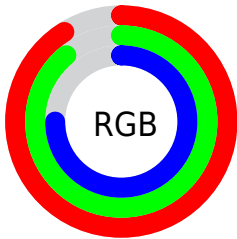
Format	Color
R_{YB}	196, 232, 192
Decimal	15262912
CIE Lab	90.07, -4.49, 18.07
CIE LCh	90, 18.623, 103.940
Yxy	76.4484, 0.3393, 0.3677
Android (android.graphics.Color)	4293452992 (0xFFE8E4C0)
YUV	225.0920, -16.3144, 6.0583
Hunter-Lab	87.4348, -8.9942, 19.8958

Details

The Yxy color **76.4484, 0.3393, 0.3677** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.5375, 0.2847, 0.2871**, and the grayscale version is **75.4817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **40.9522, 0.3455, 0.3779** is the 20% darker color. If you saturate the color by 10%, you get **74.2265, 0.3555, 0.3907**, and if you desaturate by 10%, it is **78.8566, 0.3236, 0.3450**.

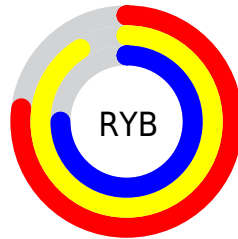
Distribution



Red (91%)

Green (89%)

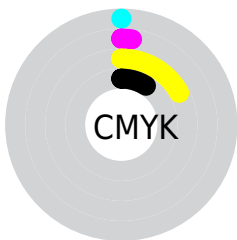
Blue (75%)



Red (77%)

Yellow (91%)

Blue (75%)

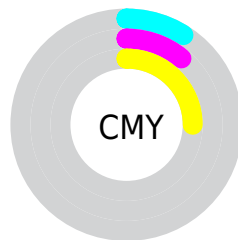


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (9%)



Cyan (9%)


Magenta (11%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4484, 0.3393, 0.3677 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 76.4484, 0.3393, 0.3677 by changing the saturation by 10% instead.


 76.4484, 0.3393,
0.3677

 76.4484, 0.3393,
0.3677


482.8813, 0.3272,
0.3498

 56.8003, 0.3420,
0.3718

 128.3605, 0.3352,
0.3615

 40.8449, 0.3453,
0.3768


161.3934, 0.3335,
0.3591

 28.1979, 0.3494,
0.3832


199.6565, 0.3321,
0.3570

 18.4749, 0.3547,
0.3914

243.5344, 0.3309,
0.3552

 11.2915, 0.3618,
0.4026

293.4114, 0.3298,
0.3536

 6.2632, 0.3714,
0.4185

349.6720, 0.3288,

 3.0058, 0.3853,

0.3522

0.4426

412.7005, 0.3280,
0.3509

■ 1.1348, 0.4568,
0.5432

■ 0.0074, 0.0000,
1.0000

■ 76.4484, 0.3393,
0.3677

■ 76.4484, 0.3393,
0.3677

■ 74.2265, 0.3555,
0.3907

■ 78.8566, 0.3236,
0.3450

■ 72.1731, 0.3717,
0.4133

■ 81.4481, 0.3087,
0.3231

■ 70.2832, 0.3875,
0.4345

■ 83.7987, 0.2987,
0.3088

■ 68.5480, 0.4020,
0.4533

■ 85.1449, 0.2987,
0.3112

66.9575, 0.4147,
0.4688

86.5087, 0.2987,
0.3136

65.5002, 0.4250,
0.4802

87.8903, 0.2987,
0.3160

64.1631, 0.4325,
0.4871

89.2895, 0.2987,
0.3183

62.9286, 0.4374,
0.4897

90.7067, 0.2987,
0.3207

62.5985, 0.4385,
0.4901

92.1416, 0.2987,
0.3230

Harmonies

Analogous

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



76.4484, 0.3533, 0.3594



76.4484, 0.3393, 0.3677



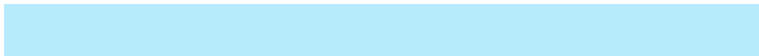
76.4484, 0.3185, 0.3652

Triad

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



76.4484, 0.3393, 0.3677



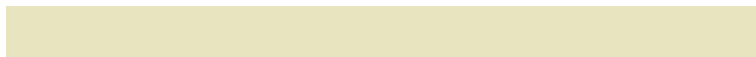
76.4484, 0.2712, 0.3120



76.4484, 0.3282, 0.3077

Complementary

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



76.4484, 0.3393, 0.3677



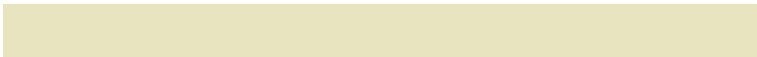
56.5375, 0.2847, 0.2871

Split Complementary

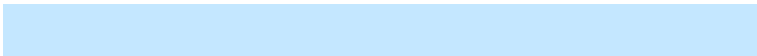
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4484, 0.3058, 0.2959



76.4484, 0.3393, 0.3677



76.4484, 0.2735, 0.2977

Square

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



76.4484, 0.3393, 0.3677



76.4484, 0.2795, 0.3319



76.4484, 0.2859, 0.2921



76.4484, 0.3468, 0.3248

Rectangle

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



76.4484, 0.3393, 0.3677



76.4484, 0.3036, 0.3573



76.4484, 0.2859, 0.2921



76.4484, 0.3208, 0.3030

Sweetspot

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



76.4518, 0.3393, 0.3677



98.3897, 0.3202, 0.3400



58.8847, 0.3421, 0.3239



21.0120, 0.3213, 0.3416



0.0000, 0.0000, 0.0000



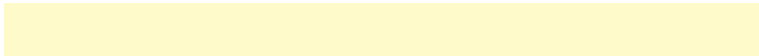
21.4041, 0.3127, 0.3290

Same Dimension

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



76.4518, 0.3393, 0.3677



93.6272, 0.3455, 0.3766



76.2375, 0.3276, 0.3733



16.5562, 0.3270, 0.3499



34.8509, 0.4381, 0.4903



2.6474, 0.4350, 0.4928

Inverse Universe

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



56.5375, 0.2847, 0.2871



64.2482, 0.2777, 0.2765



56.8521, 0.2958, 0.2838



14.1193, 0.2980, 0.3072



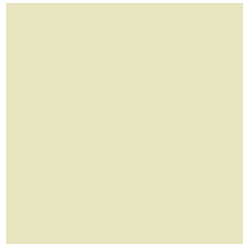
3.6660, 0.1520, 0.0671



0.3505, 0.1567, 0.0841

Previews

White Background



This preview shows how the Yxy color 76.4484, 0.3393, 0.3677 looks on a white background.

Color Contrast Check

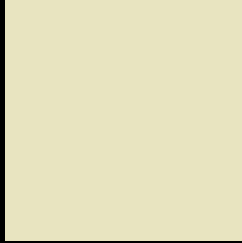
Large Text (above 18pt) WCAG AA × Fail

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 76.4484, 0.3393, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

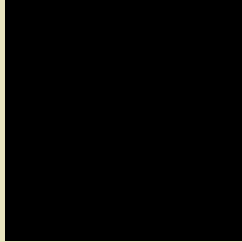
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

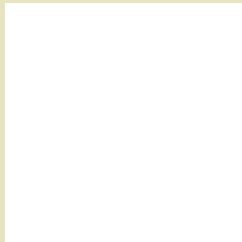
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4484, 0.3393, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 76.4484, 0.3393, 0.3677.

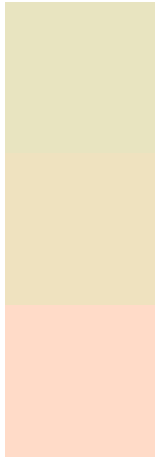


This preview shows how white text looks on a background with the Yxy color 76.4484, 0.3393, 0.3677.

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

76.4484, 0.3393, 0.3677

Protanopia

76.5050, 0.3455, 0.3661

Deuteranopia

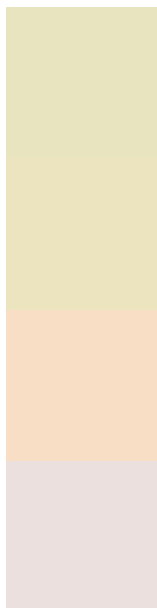
76.0932, 0.3526, 0.3485



Tritanopia

76.1220, 0.3129, 0.3105

Trichromacy



Original Color

76.4484, 0.3393, 0.3677

Protanomaly

76.5326, 0.3431, 0.3674

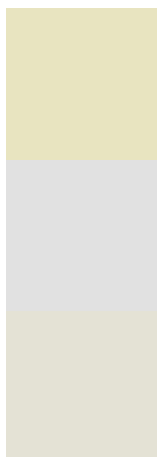
Deuteranomaly

76.0479, 0.3481, 0.3551

Tritanomaly

76.4181, 0.3225, 0.3311

Monochromacy



Original Color

76.4484, 0.3393, 0.3677

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.6908, 0.3226, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4484, 0.3393, 0.3677 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(232, 228, 192)` looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 192)  
}
```

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(232, 228, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 192) }
```

Border

The CSS property to change the border of an element to Yxy 76.4484, 0.3393, 0.3677 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(232, 228, 192) }
```

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

```
.border{ border-color:rgb(232, 228, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 228, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 192);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4484, 0.3393, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 192) }
```

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

```
.background{ background-color: rgb(232,  
228, 192) }
```

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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