

Converting Colors

$Yxy(76.3034, 0.3490, 0.3644)$

Have a look what the booklet for
Yxy(76.3034, 0.3490, 0.3644)
contains.

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Color

Yxy(76.1276, 0.3489, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	F3E0BF
RGB	243, 224, 191
RGB Percent	95%, 88%, 75%
CMY	0.0472, 0.1215, 0.2511
CMYK	0.00, 0.08, 0.21, 0.05
HSL	38°, 68%, 85%
HSV	38°, 21%, 95%
XYZ	73.0097, 76.1276, 60.1195
YIQ	225.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

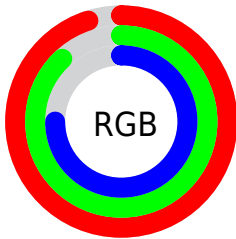
Format	Color
RYB	221, 243, 191
Decimal	15982783
CIELab	89.92, 1.37, 18.54
CIElCh	90, 18.591, 85.778
Yxy	76.1276, 0.3489, 0.3638
Android (android.graphics.Color)	4294172863 (0xFFFF3E0BF)
YUV	225.9190, -17.2151, 14.9800
Hunter-Lab	87.2511, -3.3249, 20.2227

Details

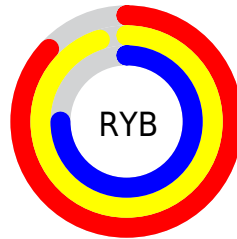
The Yxy color **76.1276, 0.3489, 0.3638** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.5930, 0.2782, 0.2916**, and the grayscale version is **76.1044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **40.6212, 0.3573, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **70.5130, 0.3685, 0.3808**, and if you desaturate by 10%, it is **82.1743, 0.3310, 0.3471**.

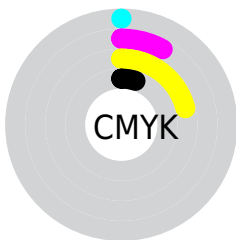
Distribution



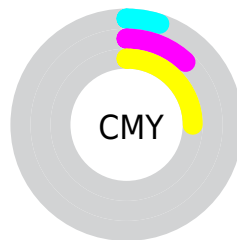
- Red (95%)
- Green (88%)
- Blue (75%)



- Red (87%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1276, 0.3489, 0.3638 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 76.1276, 0.3489, 0.3638 by changing the saturation by 10% instead.


 76.1276, 0.3489,
0.3638

 76.1276, 0.3489,
0.3638


481.7844, 0.3323,
0.3479

 56.5371, 0.3526,
0.3674


 127.9073, 0.3432,
0.3583

 40.6337, 0.3573,
0.3717


160.8653, 0.3409,
0.3562

 28.0330, 0.3630,
0.3772


199.0479, 0.3390,
0.3543

 18.3505, 0.3705,
0.3843

242.8395, 0.3373,
0.3527

 11.2020, 0.3805,
0.3936

292.6246, 0.3358,
0.3513

 6.2028, 0.3945,
0.4066

348.7875, 0.3345,

 2.9688, 0.4152,

0.3500

0.4255

411.7127, 0.3333,
0.3489

■ 1.1155, 0.4964,
0.5036

■ 0.0000, 1.0000,
0.0000

■ 76.1276, 0.3489,
0.3638

■ 76.1276, 0.3489,
0.3638

■ 70.5130, 0.3685,
0.3808

■ 82.1743, 0.3310,
0.3471

■ 65.3076, 0.3896,
0.3975

■ 88.6545, 0.3148,
0.3312

■ 60.5017, 0.4117,
0.4131

■ 94.9989, 0.3054,
0.3247

■ 56.0809, 0.4340,
0.4264

■ 97.7882, 0.3053,
0.3290

■ 52.0295, 0.4555,
0.4364

■ 48.3299, 0.4751,
0.4418

■ 44.9620, 0.4917,
0.4420

■ 42.3052, 0.5035,
0.4384

Harmonies

Analogous

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



76.1276, 0.3565, 0.3504



76.1276, 0.3489, 0.3638



76.1276, 0.3316, 0.3681

Triad

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



76.1276, 0.3489, 0.3638



76.1276, 0.2750, 0.3237



76.1276, 0.3146, 0.2997

Complementary

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



76.1276, 0.3489, 0.3638



63.5930, 0.2782, 0.2916

Split Complementary

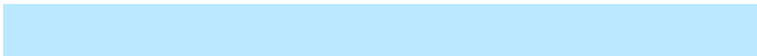
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1276, 0.2931, 0.2925



76.1276, 0.3489, 0.3638



76.1276, 0.2708, 0.3054

Square

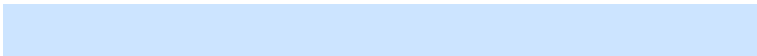
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1276, 0.3489, 0.3638



76.1276, 0.2890, 0.3444



76.1276, 0.2773, 0.2944



76.1276, 0.3363, 0.3140

Rectangle

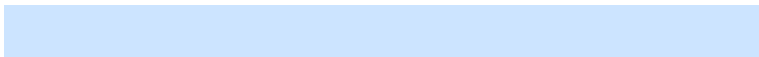
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1276, 0.3489, 0.3638



76.1276, 0.3171, 0.3646



76.1276, 0.2773, 0.2944



76.1276, 0.3071, 0.2964

Sweetspot

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



76.1310, 0.3489, 0.3638



95.5482, 0.3221, 0.3384



60.9528, 0.3405, 0.3088



20.3498, 0.3231, 0.3395



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.



76.1310, 0.3489, 0.3638



81.9856, 0.3579, 0.3717



85.6778, 0.3402, 0.3833



18.2390, 0.3278, 0.3440



23.4920, 0.5018, 0.4398



2.2598, 0.4887, 0.4502

Inverse Universe

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



63.5930, 0.2782, 0.2916



65.5166, 0.2701, 0.2822



55.7113, 0.2815, 0.2701



16.9152, 0.2980, 0.3135



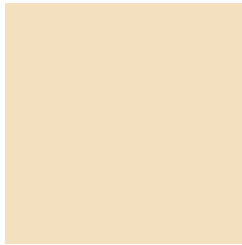
7.6644, 0.1656, 0.1161



0.8621, 0.1725, 0.1409

Previews

White Background



This preview shows how the Yxy color 76.1276, 0.3489, 0.3638 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 76.1276, 0.3489, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

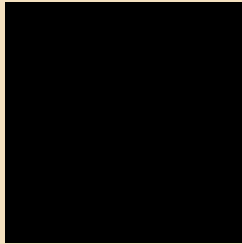
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

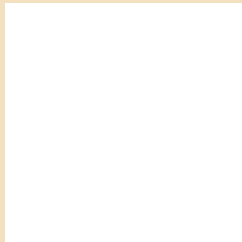
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1276, 0.3489, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 76.1276, 0.3489, 0.3638.

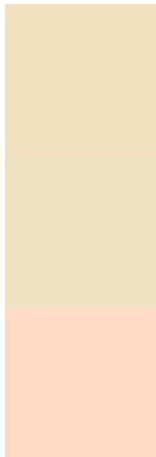


This preview shows how white text looks on a background with the Yxy color 76.1276, 0.3489, 0.3638.

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

76.1276, 0.3489, 0.3638

Protanopia

76.3756, 0.3441, 0.3651

Deuteranopia

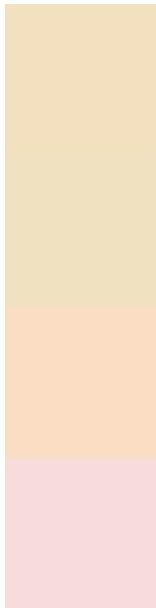
76.0003, 0.3541, 0.3505



Tritanopia

76.2807, 0.3236, 0.3119

Trichromacy



Original Color

76.1276, 0.3489, 0.3638

Protanomaly

76.1815, 0.3458, 0.3640

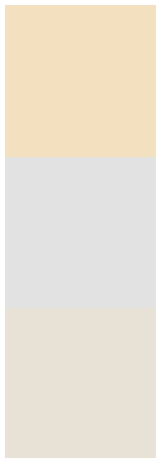
Deuteranomaly

76.1623, 0.3528, 0.3559

Tritanomaly

76.0750, 0.3330, 0.3301

Monochromacy



Original Color

76.1276, 0.3489, 0.3638

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8103, 0.3256, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1276, 0.3489, 0.3638 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(243, 224, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 224, 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(243, 224, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 191) }
```

Border

The CSS property to change the border of an element to Yxy 76.1276, 0.3489, 0.3638 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(243, 224, 191) }
```

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

```
.border{ border-color:rgb(243, 224, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 224, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 224, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 224, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 224,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1276, 0.3489, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 191) }
```

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

```
.background{ background-color: rgb(243,  
224, 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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