

Converting Colors

$Yxy(77.2191, 0.3601, 0.3871)$

Have a look what the booklet for
Yxy(77.2191, 0.3601, 0.3871)
contains.

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Color

Yxy(77.3812, 0.3596, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	F2E4AD
RGB	242, 228, 173
RGB Percent	95%, 89%, 68%
CMY	0.0510, 0.1059, 0.3217
CMYK	0.00, 0.06, 0.29, 0.05
HSL	48°, 73%, 81%
HSV	48°, 29%, 95%
XYZ	71.9025, 77.3812, 50.6677
YIQ	225.9160, 25.9990, -14.1370

Conversions

Conversions Part 2

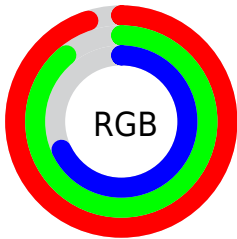
Format	Color
R_{YB}	191, 242, 173
Decimal	15918253
CIE Lab	90.50, -3.45, 28.63
CIE LCh	90, 28.838, 96.871
Yxy	77.3812, 0.3596, 0.3870
Android (android.graphics.Color)	4294108333 (0xFFFF2E4AD)
YUV	225.9160, -26.0876, 14.1057
Hunter-Lab	87.9666, -8.0384, 27.4263

Details

The Yxy color **77.3812, 0.3596, 0.3870** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.8199, 0.2644, 0.2634**, and the grayscale version is **76.1683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **41.5575, 0.3698, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **73.8698, 0.3775, 0.4074**, and if you desaturate by 10%, it is **81.1459, 0.3422, 0.3662**.

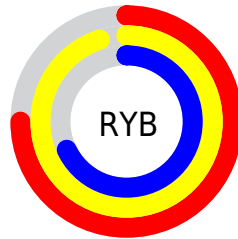
Distribution



Red (95%)

Green (89%)

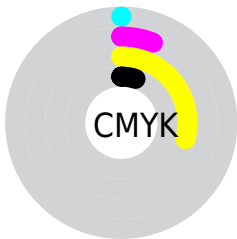
Blue (68%)



Red (75%)

Yellow (95%)

Blue (68%)

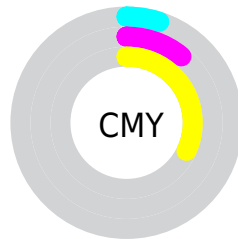


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (5%)



Cyan (5%)

Magenta (11%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3812, 0.3596, 0.3870 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 77.3812, 0.3596, 0.3870 by changing the saturation by 10% instead.

77.3812, 0.3596,
0.3870

77.3812, 0.3596,
0.3870

486.0628, 0.3384,
0.3604

57.5658, 0.3643,
0.3929

129.6774, 0.3524,
0.3779

41.4597, 0.3699,
0.4002

162.9271, 0.3495,
0.3743

28.6784, 0.3769,
0.4093

201.4236, 0.3471,
0.3712

18.8377, 0.3857,
0.4208

245.5513, 0.3449,
0.3685

11.5531, 0.3970,
0.4359

295.6947, 0.3430,
0.3661

6.4401, 0.4117,
0.4563

352.2381, 0.3413,

3.1145, 0.4360,

0.3640

0.4902

415.5660, 0.3398,
0.3621

■ 1.1918, 0.4644,
0.5356

■ 0.0550, 0.0000,
1.0000

■ 77.3812, 0.3596,
0.3870

■ 77.3812, 0.3596,
0.3870

■ 73.8698, 0.3775,
0.4074

■ 81.1459, 0.3422,
0.3662

■ 70.5913, 0.3954,
0.4267

■ 85.1625, 0.3258,
0.3458

■ 67.5387, 0.4126,
0.4437

■ 89.4430, 0.3105,
0.3262

■ 64.7002, 0.4283,
0.4574

■ 93.0069, 0.3049,
0.3218

■ 62.0623, 0.4417,
0.4670

■ 96.0576, 0.3048,
0.3266

■ 59.6094, 0.4524,
0.4718

■ 97.6176, 0.3048,
0.3290

■ 57.3192, 0.4601,
0.4722

■ 56.9904, 0.4611,
0.4720

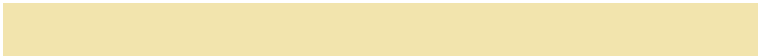
Harmonies

Analogous

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



77.3812, 0.3781, 0.3698



77.3812, 0.3596, 0.3870



77.3812, 0.3290, 0.3884

Triad

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



77.3812, 0.3596, 0.3870



77.3812, 0.2512, 0.3086



77.3812, 0.3282, 0.2917

Complementary

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



77.3812, 0.3596, 0.3870



50.8199, 0.2644, 0.2634

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.



77.3812, 0.2938, 0.2766



77.3812, 0.3596, 0.3870



77.3812, 0.2510, 0.2846

Square

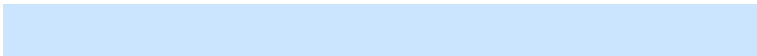
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3812, 0.3596, 0.3870



77.3812, 0.2670, 0.3407



77.3812, 0.2660, 0.2737



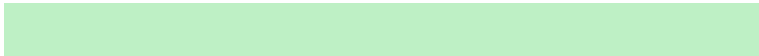
77.3812, 0.3597, 0.3156

Rectangle

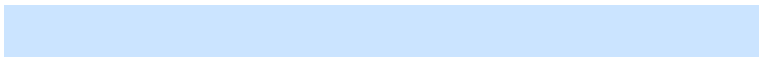
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3812, 0.3596, 0.3870



77.3812, 0.3061, 0.3788



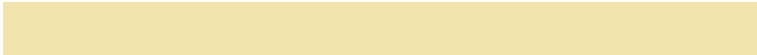
77.3812, 0.2660, 0.2737



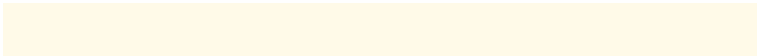
77.3812, 0.3165, 0.2855

Sweetspot

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



77.3847, 0.3596, 0.3870



95.6762, 0.3266, 0.3468



52.3829, 0.3620, 0.3128



20.3339, 0.3289, 0.3497



0.0000, 0.0000, 0.0000



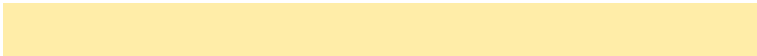
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3847, 0.3596, 0.3870



84.9117, 0.3695, 0.3985



82.1215, 0.3420, 0.4038



17.8829, 0.3273, 0.3477



30.8152, 0.4603, 0.4727



2.6996, 0.4539, 0.4778

Inverse Universe

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



50.8199, 0.2644, 0.2634



50.6440, 0.2538, 0.2481



47.5645, 0.2769, 0.2493



15.7477, 0.2980, 0.3096



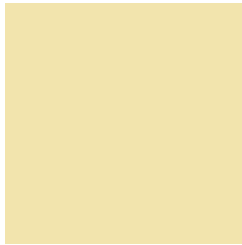
4.7810, 0.1556, 0.0802



0.5345, 0.1620, 0.1030

Previews

White Background



This preview shows how the Yxy color 77.3812, 0.3596, 0.3870 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 77.3812, 0.3596, 0.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

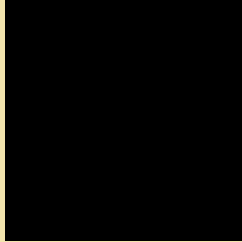
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

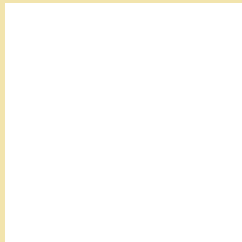
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3812, 0.3596, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 77.3812, 0.3596, 0.3870.

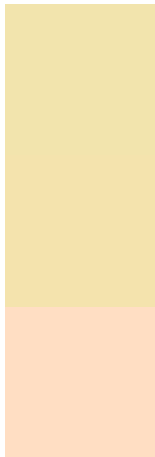


This preview shows how white text looks on a background with the Yxy color 77.3812, 0.3596, 0.3870.

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

77.3812, 0.3596, 0.3870

Protanopia

77.1884, 0.3614, 0.3857

Deuteranopia

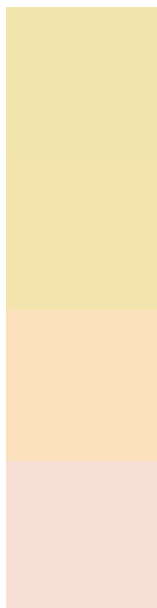
77.4427, 0.3555, 0.3566



Tritanopia

77.6248, 0.3228, 0.3120

Trichromacy



Original Color

77.3812, 0.3596, 0.3870

Protanomaly

77.0100, 0.3606, 0.3858

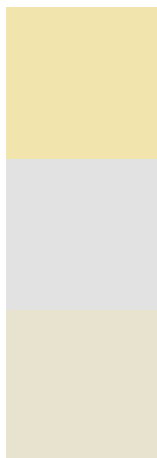
Deuteranomaly

77.2232, 0.3570, 0.3673

Tritanomaly

77.4045, 0.3360, 0.3383

Monochromacy



Original Color

77.3812, 0.3596, 0.3870

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.5990, 0.3294, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3812, 0.3596, 0.3870 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(242, 228, 173)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 173)  
}
```

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(242, 228, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 173) }
```

Border

The CSS property to change the border of an element to Yxy 77.3812, 0.3596, 0.3870 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(242, 228, 173) }
```

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

```
.border{ border-color:rgb(242, 228, 173) }
```

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

Here you see how a box with a 4 pixel rgb(242, 228, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 173);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3812, 0.3596, 0.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 173) }
```

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

```
.background{ background-color: rgb(242,  
228, 173) }
```

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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