

Converting Colors

$Y_{xy}(77.2232, 0.3646, 0.3770)$

Have a look what the booklet for
Yxy(77.2232, 0.3646, 0.3770)
contains.

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Color

Yxy(77.2211, 0.3648, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	FCE0B2
RGB	252, 224, 178
RGB Percent	99%, 88%, 70%
CMY	0.0117, 0.1216, 0.3018
CMYK	0.00, 0.11, 0.29, 0.01
HSL	37°, 93%, 84%
HSV	37°, 29%, 99%
XYZ	74.8413, 77.2211, 53.0946
YIQ	227.1280, 31.4540, -8.3700

Conversions

Conversions Part 2

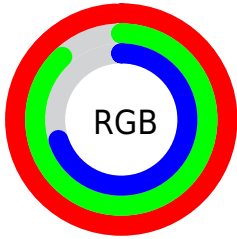
Format	Color
R_{YB}	223, 252, 178
Decimal	16572594
CIE _{Lab}	90.42, 2.99, 26.07
CIE _{LCh}	90, 26.239, 83.455
Yxy	77.2211, 0.3648, 0.3764
Android (android.graphics.Color)	4294762674 (0xFFFC _{E0B2})
YUV	227.1280, -24.2201, 21.8127
Hunter-Lab	87.8755, -1.7584, 25.6897

Details

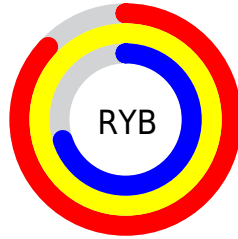
The Yxy color **77.2211, 0.3648, 0.3764** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.6587, 0.2644, 0.2764**, and the grayscale version is **77.0806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **41.4587, 0.3771, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **71.3177, 0.3859, 0.3929**, and if you desaturate by 10%, it is **83.6053, 0.3453, 0.3597**.

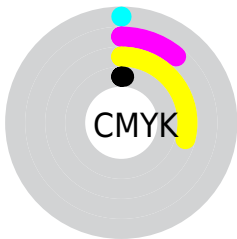
Distribution



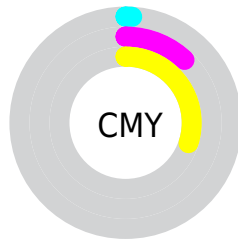
- Red (99%)
- Green (88%)
- Blue (70%)



- Red (87%)
- Yellow (99%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (1%)





- Cyan (1%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2211, 0.3648, 0.3764 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 77.2211, 0.3648, 0.3764 by changing the saturation by 10% instead.


 77.2211, 0.3648,
0.3764

 77.2211, 0.3648,
0.3764


485.5175, 0.3410,
0.3550

 57.4344, 0.3701,
0.3811

 129.4515, 0.3566,
0.3691

 41.3541, 0.3766,
0.3868


162.6640, 0.3534,
0.3662

 28.5959, 0.3847,
0.3939


201.1206, 0.3507,
0.3637

 18.7753, 0.3950,
0.4029

245.2055, 0.3482,
0.3616

 11.5080, 0.4086,
0.4144

295.3033, 0.3461,
0.3596

 6.4096, 0.4269,
0.4296

351.7983, 0.3442,

 3.0957, 0.4546,

0.3579

0.4520

415.0749, 0.3425,
0.3564

■ 1.1819, 0.5067,
0.4933

■ 0.0469, 0.7150,
0.2850

■ 77.2211, 0.3648,
0.3764

■ 77.2211, 0.3648,
0.3764

■ 71.3177, 0.3859,
0.3929

■ 83.6053, 0.3453,
0.3597

■ 65.8697, 0.4083,
0.4085

■ 90.4738, 0.3276,
0.3435

■ 60.8646, 0.4312,
0.4221

■ 97.8432, 0.3117,
0.3280

■ 56.2851, 0.4536,
0.4326

■ 99.4373, 0.3109,
0.3290

■ 52.1119, 0.4743,
0.4386

■ 48.3229, 0.4922,
0.4395

■ 44.8868, 0.5068,
0.4354

■ 44.6756, 0.5077,
0.4351

Harmonies

Analogous

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



77.2211, 0.3745, 0.3564



77.2211, 0.3648, 0.3764



77.2211, 0.3410, 0.3845

Triad

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



77.2211, 0.3648, 0.3764



77.2211, 0.2613, 0.3232



77.2211, 0.3126, 0.2874

Complementary

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



77.2211, 0.3648, 0.3764



60.6587, 0.2644, 0.2764

Split Complementary

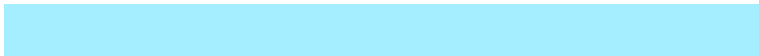
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2211, 0.2830, 0.2783



77.2211, 0.3648, 0.3764



77.2211, 0.2545, 0.2971

Square

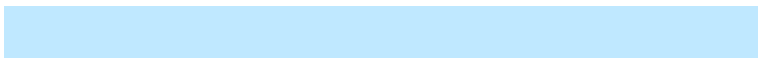
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2211, 0.3648, 0.3764



77.2211, 0.2814, 0.3529



77.2211, 0.2622, 0.2814



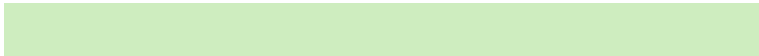
77.2211, 0.3436, 0.3063

Rectangle

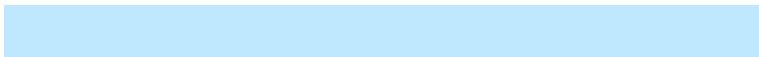
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2211, 0.3648, 0.3764



77.2211, 0.3208, 0.3808



77.2211, 0.2622, 0.2814



77.2211, 0.3022, 0.2832

Sweetspot

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



77.2246, 0.3648, 0.3764



93.1900, 0.3270, 0.3429



57.0250, 0.3533, 0.2995



19.7193, 0.3295, 0.3453



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.



77.2246, 0.3648, 0.3764



75.8277, 0.3766, 0.3858



91.9649, 0.3513, 0.4041



19.0220, 0.3278, 0.3437



23.5632, 0.5058, 0.4366



2.3866, 0.4927, 0.4470

Inverse Universe

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



60.6587, 0.2644, 0.2764



56.3959, 0.2544, 0.2644



49.4035, 0.2667, 0.2444



17.7199, 0.2979, 0.3138



8.2241, 0.1666, 0.1199



0.9587, 0.1732, 0.1434

Previews

White Background



This preview shows how the Yxy color 77.2211, 0.3648, 0.3764 looks on a white background.

Color Contrast Check

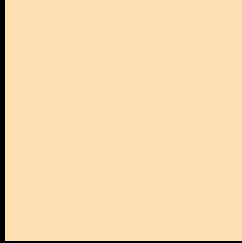
Large Text (above 18pt) WCAG AA × Fail

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 77.2211, 0.3648, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

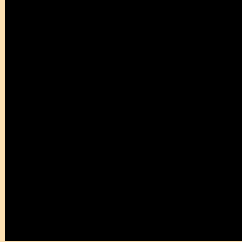
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2211, 0.3648, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 77.2211, 0.3648, 0.3764.

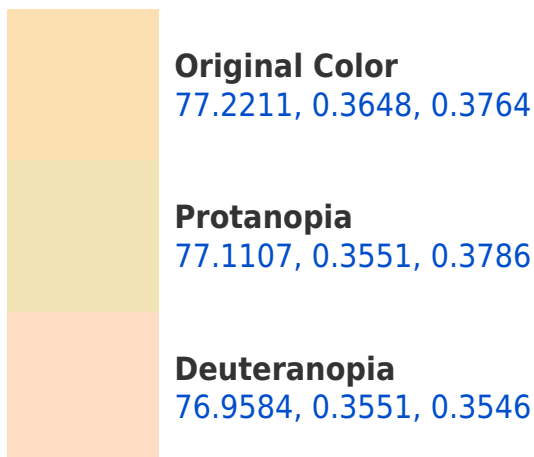


This preview shows how white text looks on a background with the Yxy color 77.2211, 0.3648, 0.3764.

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

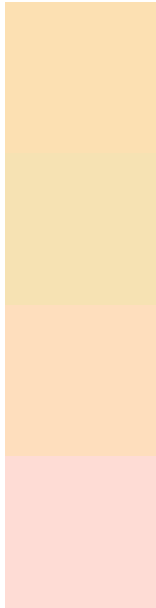




Tritanopia

77.2860, 0.3293, 0.3141

Trichromacy



Original Color

77.2211, 0.3648, 0.3764

Protanomaly

77.2402, 0.3590, 0.3781

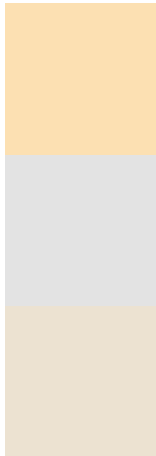
Deuteranomaly

76.9875, 0.3591, 0.3629

Tritanomaly

77.0613, 0.3424, 0.3362

Monochromacy



Original Color

77.2211, 0.3648, 0.3764

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.8290, 0.3310, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2211, 0.3648, 0.3764 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(252, 224, 178)` looks like.

```
.text, #text, p{  
    color:rgb(252, 224, 178)  
}
```

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(252, 224, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 224, 178) }
```

Border

The CSS property to change the border of an element to Yxy 77.2211, 0.3648, 0.3764 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(252, 224, 178) }
```

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

```
.border{ border-color:rgb(252, 224, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 224, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 224, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 224, 178);  
box-shadow:4px 4px 4px 4px rgb(252, 224,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2211, 0.3648, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 224, 178) }
```

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

```
.background{ background-color: rgb(252,  
224, 178) }
```

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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