

Converting Colors

$Y_{xy}(75.7038, 0.3685, 0.3728)$

Have a look what the booklet for
Yxy(75.7038, 0.3685, 0.3728)
contains.

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Color

Yxy(75.6608, 0.3683, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCB2
RGB	255, 220, 178
RGB Percent	100%, 86%, 70%
CMY	0.0000, 0.1373, 0.3019
CMYK	0.00, 0.14, 0.30, 0.00
HSL	33°, 100%, 85%
HSV	33°, 30%, 100%
XYZ	74.8881, 75.6608, 52.7857
YIQ	225.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

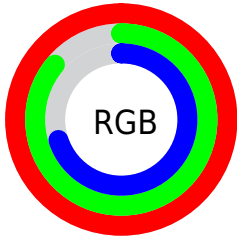
Format	Color
RYB	242, 255, 178
Decimal	16768178
CIELab	89.70, 6.20, 25.13
CIELCh	90, 25.883, 76.146
Yxy	75.6608, 0.3683, 0.3721
Android (android.graphics.Color)	4294958258 (0xFFFFDCB2)
YUV	225.6770, -23.5048, 25.7163
Hunter-Lab	86.9832, 1.4588, 24.9082

Details

The Yxy color **75.6608, 0.3683, 0.3721** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.2947, 0.2637, 0.2816**, and the grayscale version is **75.9547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **40.2613, 0.3809, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **68.8423, 0.3910, 0.3868**, and if you desaturate by 10%, it is **83.0746, 0.3476, 0.3573**.

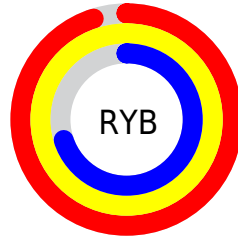
Distribution



Red (100%)

Green (86%)

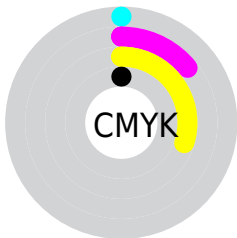
Blue (70%)



Red (95%)

Yellow (100%)

Blue (70%)

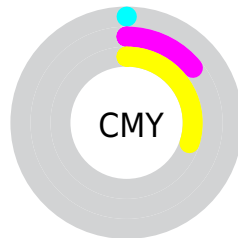


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6608, 0.3683, 0.3721 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 75.6608, 0.3683, 0.3721 by changing the saturation by 10% instead.

 75.6608, 0.3683,
0.3721

 75.6608, 0.3683,
0.3721


480.1858, 0.3427,
0.3528

 56.1544, 0.3741,
0.3763


 127.2473, 0.3595,
0.3655

 40.3267, 0.3811,
0.3815


160.0962, 0.3560,
0.3629

 27.7934, 0.3900,
0.3878


198.1614, 0.3531,
0.3607

 18.1700, 0.4013,
0.3957

241.8273, 0.3505,
0.3587

 11.0721, 0.4164,
0.4058

291.4783, 0.3482,
0.3570

 6.1153, 0.4370,
0.4189

347.4988, 0.3462,

 2.9153, 0.4689,

0.3554

0.4382

410.2731, 0.3444,
0.3540

■ 1.0877, 0.5281,
0.4719

■ 0.0000, 1.0000,
0.0000

■ 75.6608, 0.3683,
0.3721

■ 75.6608, 0.3683,
0.3721

■ 68.8423, 0.3910,
0.3868

■ 83.0746, 0.3476,
0.3573

■ 62.6265, 0.4156,
0.4005

■ 91.1281, 0.3292,
0.3429

■ 56.9841, 0.4414,
0.4123

99.8297, 0.3130,
0.3293

■ 51.8931, 0.4671,
0.4208

100.0000, 0.3127,
0.3290

■ 47.3293, 0.4914,
0.4249

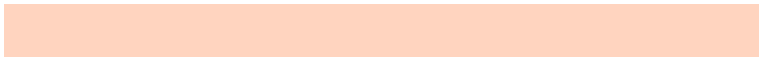
■ 43.2653, 0.5128,
0.4235

■ 39.7257, 0.5301,
0.4173

Harmonies

Analogous

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



75.6608, 0.3738, 0.3503



75.6608, 0.3683, 0.3721



75.6608, 0.3475, 0.3835

Triad

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



75.6608, 0.3683, 0.3721



75.6608, 0.2654, 0.3304



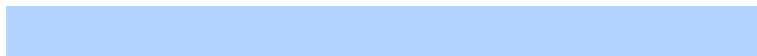
75.6608, 0.3050, 0.2845

Complementary

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



75.6608, 0.3683, 0.3721



64.2947, 0.2637, 0.2816

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.



75.6608, 0.2772, 0.2782



75.6608, 0.3683, 0.3721



75.6608, 0.2552, 0.3029

Square

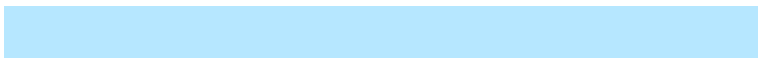
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6608, 0.3683, 0.3721



75.6608, 0.2881, 0.3593



75.6608, 0.2594, 0.2844



75.6608, 0.3363, 0.3012

Rectangle

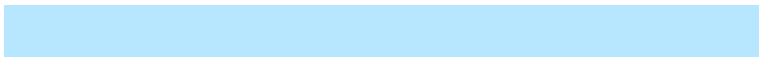
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6608, 0.3683, 0.3721



75.6608, 0.3283, 0.3826



75.6608, 0.2594, 0.2844



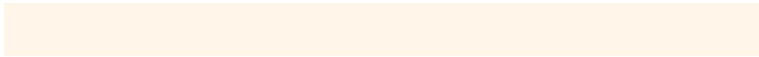
75.6608, 0.2950, 0.2811

Sweetspot

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



75.6520, 0.3682, 0.3721



92.1280, 0.3272, 0.3413



57.9607, 0.3493, 0.2922



19.4574, 0.3297, 0.3433



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.



75.6520, 0.3682, 0.3721



71.6211, 0.3812, 0.3807



95.5117, 0.3567, 0.4051



19.6281, 0.3281, 0.3420



21.0601, 0.5278, 0.4191



2.2691, 0.5121, 0.4316

Inverse Universe

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



64.2947, 0.2637, 0.2816



58.6709, 0.2539, 0.2707



48.8422, 0.2607, 0.2406



18.7389, 0.2979, 0.3157



10.5888, 0.1730, 0.1426



1.2460, 0.1790, 0.1643

Previews

White Background



This preview shows how the Yxy color 75.6608, 0.3683, 0.3721 looks on a white background.

Color Contrast Check

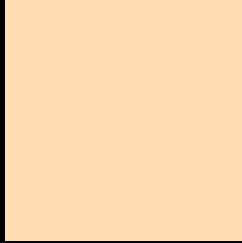
Large Text (above 18pt) WCAG AA × Fail

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 75.6608, 0.3683, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

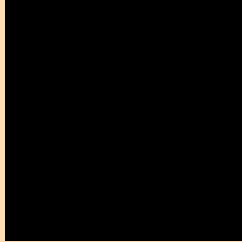
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.6608, 0.3683, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 75.6608, 0.3683, 0.3721.

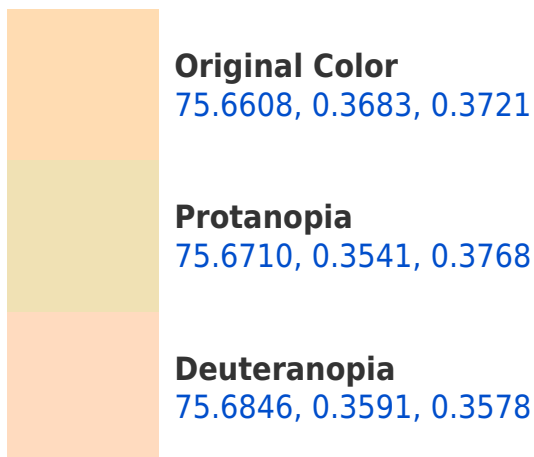


This preview shows how white text looks on a background with the Yxy color 75.6608, 0.3683, 0.3721.

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

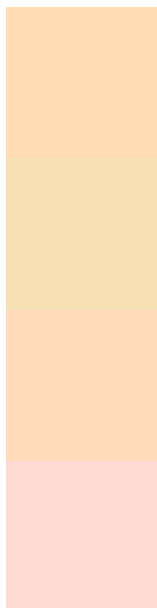




Tritanopia

75.5180, 0.3324, 0.3150

Trichromacy



Original Color

75.6608, 0.3683, 0.3721

Protanomaly

75.4425, 0.3591, 0.3753

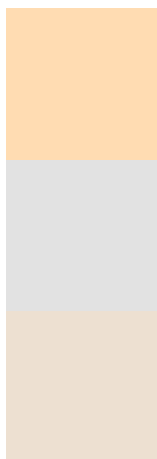
Deuteranomaly

75.4682, 0.3628, 0.3629

Tritanomaly

75.5389, 0.3458, 0.3362

Monochromacy



Original Color

75.6608, 0.3683, 0.3721

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9193, 0.3320, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6608, 0.3683, 0.3721 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(255, 220, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 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(255, 220, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 178) }
```

Border

The CSS property to change the border of an element to Yxy 75.6608, 0.3683, 0.3721 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(255, 220, 178) }
```

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

```
.border{ border-color:rgb(255, 220, 178) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6608, 0.3683, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 178) }
```

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

```
.background{ background-color: rgb(255,  
220, 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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