

Converting Colors

$Y_{xy}(75.6346, 0.3679, 0.3715)$

Have a look what the booklet for
Yxy(75.6346, 0.3679, 0.3715)
contains.

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Color

Yxy(75.7011, 0.3675, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCB3
RGB	255, 220, 179
RGB Percent	100%, 86%, 70%
CMY	0.0001, 0.1372, 0.2979
CMYK	0.00, 0.14, 0.30, 0.00
HSL	32°, 100%, 85%
HSV	32°, 30%, 100%
XYZ	74.9667, 75.7011, 53.3233
YIQ	225.7910, 34.0210, -5.3310

Conversions

Conversions Part 2

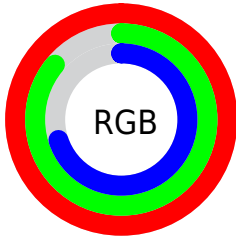
Format	Color
R _Y B	244, 255, 179
Decimal	16768179
CIE Lab	89.72, 6.28, 24.63
CIE LCh	90, 25.418, 75.700
Yxy	75.7011, 0.3675, 0.3711
Android (android.graphics.Color)	4294958259 (0xFFFFDCB3)
YUV	225.7910, -23.0680, 25.6163
Hunter-Lab	87.0064, 1.5386, 24.5676

Details

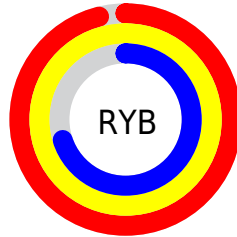
The Yxy color **75.7011, 0.3675, 0.3711** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.8985, 0.2644, 0.2828**, and the grayscale version is **76.0480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **40.2869, 0.3799, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **68.8182, 0.3903, 0.3857**, and if you desaturate by 10%, it is **83.2145, 0.3469, 0.3565**.

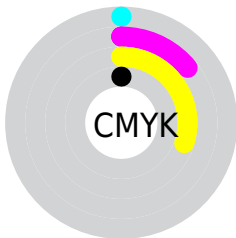
Distribution



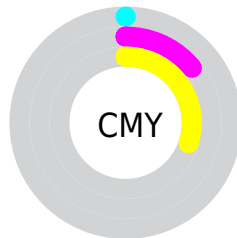
- Red (100%)
- Green (86%)
- Blue (70%)



- Red (96%)
- 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 75.7011, 0.3675, 0.3711 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 75.7011, 0.3675, 0.3711 by changing the saturation by 10% instead.


 75.7011, 0.3675,
0.3711

 75.7011, 0.3675,
0.3711


480.3239, 0.3423,
0.3522

 56.1874, 0.3732,
0.3752


 127.3043, 0.3588,
0.3647

 40.3532, 0.3801,
0.3802


160.1626, 0.3554,
0.3621

 27.8141, 0.3889,
0.3864


198.2380, 0.3525,
0.3599

 18.1855, 0.4001,
0.3942

241.9148, 0.3499,
0.3580

 11.0833, 0.4150,
0.4041

291.5774, 0.3477,
0.3563

 6.1229, 0.4354,
0.4170

347.6101, 0.3457,

 2.9199, 0.4667,

0.3548

0.4356

410.3975, 0.3439,
0.3534

■ 1.0901, 0.5286,
0.4714

■ 0.0000, 1.0000,
0.0000

■ 75.7011, 0.3675,
0.3711

■ 75.7011, 0.3675,
0.3711

■ 68.8182, 0.3903,
0.3857

■ 83.2145, 0.3469,
0.3565

■ 62.5360, 0.4150,
0.3993

■ 91.3663, 0.3286,
0.3422

■ 56.8373, 0.4409,
0.4111

99.9963, 0.3127,
0.3290

■ 51.6999, 0.4669,
0.4196

■ 47.0993, 0.4916,
0.4238

■ 43.0077, 0.5134,
0.4225

■ 39.3867, 0.5314,
0.4161

■ 39.3138, 0.5318,
0.4160

Harmonies

Analogous

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



75.7011, 0.3727, 0.3496



75.7011, 0.3675, 0.3711



75.7011, 0.3473, 0.3825

Triad

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



75.7011, 0.3675, 0.3711



75.7011, 0.2665, 0.3309



75.7011, 0.3047, 0.2851

Complementary

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



75.7011, 0.3675, 0.3711



64.8985, 0.2644, 0.2828

Split Complementary

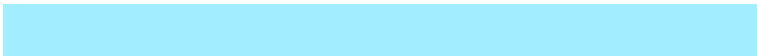
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7011, 0.2775, 0.2791



75.7011, 0.3675, 0.3711



75.7011, 0.2563, 0.3038

Square

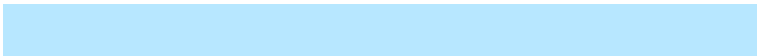
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7011, 0.3675, 0.3711



75.7011, 0.2889, 0.3591



75.7011, 0.2602, 0.2854



75.7011, 0.3354, 0.3014

Rectangle

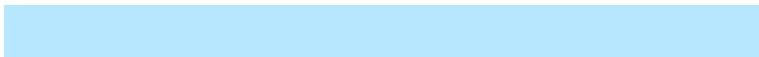
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7011, 0.3675, 0.3711



75.7011, 0.3285, 0.3817



75.7011, 0.2602, 0.2854



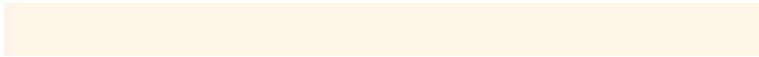
75.7011, 0.2949, 0.2818

Sweetspot

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



75.7046, 0.3675, 0.3711



92.0516, 0.3272, 0.3411



58.3877, 0.3487, 0.2927



19.4386, 0.3297, 0.3432



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.



75.7046, 0.3675, 0.3711



71.3662, 0.3814, 0.3802



95.5427, 0.3562, 0.4041



19.6109, 0.3281, 0.3418



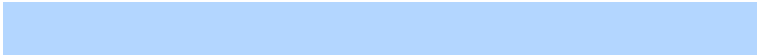
20.8482, 0.5294, 0.4178



2.2486, 0.5134, 0.4305

Inverse Universe

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



64.8985, 0.2644, 0.2828



58.9137, 0.2539, 0.2713



49.3627, 0.2615, 0.2419



18.7559, 0.2979, 0.3158



10.7610, 0.1735, 0.1444



1.2634, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 75.7011, 0.3675, 0.3711 looks on a white background.

Color Contrast Check

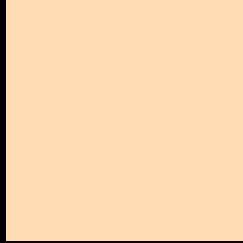
Large Text (above 18pt) WCAG AA × Fail

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 75.7011, 0.3675, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

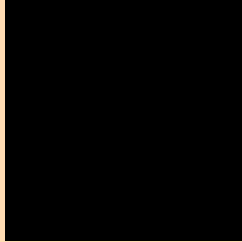
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7011, 0.3675, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 75.7011, 0.3675, 0.3711.



This preview shows how white text looks on a background with the Yxy color 75.7011, 0.3675, 0.3711.

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

75.7011, 0.3675, 0.3711

Protanopia

75.7531, 0.3527, 0.3747

Deuteranopia

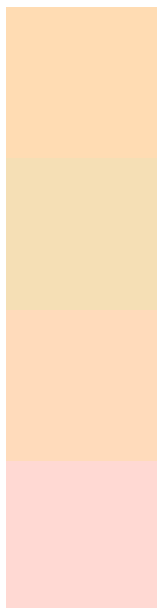
75.7288, 0.3584, 0.3567



Tritanopia

75.5180, 0.3324, 0.3150

Trichromacy



Original Color

75.7011, 0.3675, 0.3711

Protanomaly

75.5240, 0.3577, 0.3732

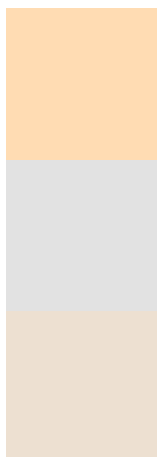
Deuteranomaly

75.5109, 0.3620, 0.3619

Tritanomaly

75.5889, 0.3450, 0.3352

Monochromacy



Original Color

75.7011, 0.3675, 0.3711

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 75.7011, 0.3675, 0.3711 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 179) }
```

Border

The CSS property to change the border of an element to Yxy 75.7011, 0.3675, 0.3711 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, 179) }
```

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

```
.border{ border-color:rgb(255, 220, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7011, 0.3675, 0.3711 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
220, 179) }
```

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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