

Converting Colors

$Y_{xy}(70.3383, 0.3712, 0.3634)$

Have a look what the booklet for
Yxy(70.3383, 0.3712, 0.3634)
contains.

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Color

Yxy(70.3383, 0.3712, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	FED2B1
RGB	254, 210, 177
RGB Percent	100%, 82%, 69%
CMY	0.0040, 0.1764, 0.3060
CMYK	0.00, 0.17, 0.30, 0.00
HSL	26°, 97%, 85%
HSV	26°, 30%, 100%
XYZ	71.8480, 70.3383, 51.3698
YIQ	219.3940, 36.8170, -0.9350

Conversions

Conversions Part 2

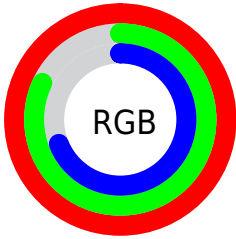
Format	Color
RYB	254, 235, 177
Decimal	16700081
CIELab	87.16, 10.81, 22.17
CIElCh	87, 24.663, 64.013
Yxy	70.3383, 0.3712, 0.3634
Android (android.graphics.Color)	4294890161 (0xFF FED2B1)
YUV	219.3940, -20.9002, 30.3495
Hunter-Lab	83.8679, 6.1486, 22.3919

Details

The Yxy color **70.3383, 0.3712, 0.3634** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.1790, 0.2647, 0.2918**, and the grayscale version is **71.2547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **36.9679, 0.3850, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **62.5820, 0.3964, 0.3751**, and if you desaturate by 10%, it is **78.9383, 0.3490, 0.3516**.

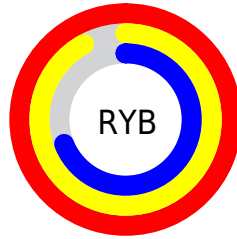
Distribution



Red (100%)

Green (82%)

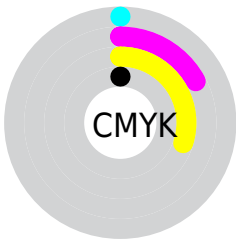
Blue (69%)



Red (100%)

Yellow (92%)

Blue (69%)

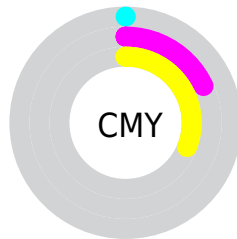


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3383, 0.3712, 0.3634 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 70.3383, 0.3712, 0.3634 by changing the saturation by 10% instead.

 70.3383, 0.3712,
0.3634

 70.3383, 0.3712,
0.3634


461.7369, 0.3438,
0.3480

 51.8024, 0.3775,
0.3668

 119.6911, 0.3617,
0.3582

 36.8476, 0.3853,
0.3708


151.2767, 0.3580,
0.3561

 25.0895, 0.3951,
0.3758


187.9810, 0.3548,
0.3543

 16.1437, 0.4080,
0.3819

230.1885, 0.3520,
0.3527

 9.6259, 0.4254,
0.3897

278.2834, 0.3496,
0.3514

 5.1517, 0.4499,
0.3996

332.6502, 0.3474,

 2.3365, 0.4918,

0.3501

0.4158

393.6732, 0.3455,
0.3490

0.7929, 0.5650,
0.4350

0.0000, 0.0000,
0.0000

70.3383, 0.3712,
0.3634

70.3383, 0.3712,
0.3634

62.5820, 0.3964,
0.3751

78.9383, 0.3490,
0.3516

55.6322, 0.4245,
0.3860

88.3986, 0.3298,
0.3401

49.4626, 0.4548,
0.3951

98.7471, 0.3132,
0.3293

44.0418, 0.4860,
0.4010

99.8073, 0.3121,
0.3290

■ 39.3353, 0.5162,
0.4024

■ 35.3051, 0.5431,
0.3985

■ 32.0000, 0.5646,
0.3899

Harmonies

Analogous

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



70.3383, 0.3697, 0.3399



70.3383, 0.3712, 0.3634



70.3383, 0.3564, 0.3794

Triad

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



70.3383, 0.3712, 0.3634



70.3383, 0.2742, 0.3422



70.3383, 0.2934, 0.2816

Complementary

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



70.3383, 0.3712, 0.3634



68.1790, 0.2647, 0.2918

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.



70.3383, 0.2695, 0.2803



70.3383, 0.3712, 0.3634



70.3383, 0.2589, 0.3137

Square

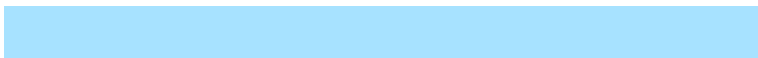
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3383, 0.3712, 0.3634



70.3383, 0.3000, 0.3680



70.3383, 0.2573, 0.2914



70.3383, 0.3235, 0.2942

Rectangle

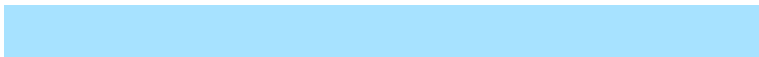
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3383, 0.3712, 0.3634



70.3383, 0.3397, 0.3827



70.3383, 0.2573, 0.2914



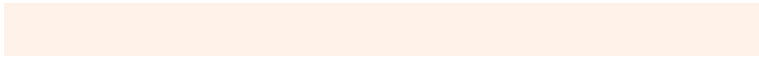
70.3383, 0.2844, 0.2798

Sweetspot

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



70.3416, 0.3712, 0.3634



90.5322, 0.3275, 0.3387



57.7692, 0.3419, 0.2831



19.0648, 0.3300, 0.3403



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.



70.3416, 0.3712, 0.3634



66.4298, 0.3852, 0.3701



91.1076, 0.3604, 0.3993



19.2687, 0.3284, 0.3392



17.1527, 0.5618, 0.3922



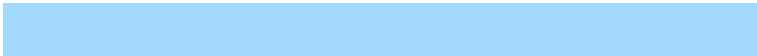
1.8818, 0.5417, 0.4081

Inverse Universe

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



68.1790, 0.2647, 0.2918



63.9400, 0.2557, 0.2835



50.5267, 0.2596, 0.2474



19.0995, 0.2979, 0.3185



14.7501, 0.1838, 0.1817



1.6532, 0.1889, 0.2000

Previews

White Background



This preview shows how the Yxy color 70.3383, 0.3712, 0.3634 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 70.3383, 0.3712, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

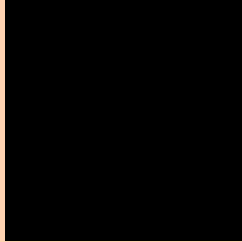
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3383, 0.3712, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 70.3383, 0.3712, 0.3634.



This preview shows how white text looks on a background with the Yxy color 70.3383, 0.3712, 0.3634.

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

70.3383, 0.3712, 0.3634

Protanopia

70.4679, 0.3481, 0.3696

Deuteranopia

70.3383, 0.3712, 0.3634



Tritanopia

70.5699, 0.3401, 0.3149

Trichromacy



Original Color

70.3383, 0.3712, 0.3634

Protanomaly

70.2469, 0.3557, 0.3668

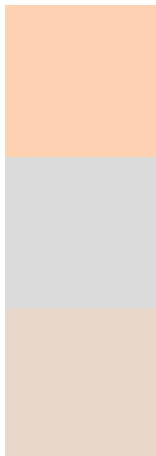
Deuteranomaly

70.3383, 0.3712, 0.3634

Tritanomaly

70.2453, 0.3521, 0.3322

Monochromacy



Original Color

70.3383, 0.3712, 0.3634

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6272, 0.3329, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3383, 0.3712, 0.3634 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(254, 210, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 177)  
}
```

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(254, 210, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 177) }
```

Border

The CSS property to change the border of an element to Yxy 70.3383, 0.3712, 0.3634 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(254, 210, 177) }
```

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

```
.border{ border-color:rgb(254, 210, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3383, 0.3712, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 177) }
```

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

```
.background{ background-color: rgb(254,  
210, 177) }
```

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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