

Converting Colors

$Yxy(83.6577, 0.4264, 0.3480)$

Have a look what the booklet for
Yxy(83.6577, 0.4264, 0.3480)
contains.

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Color

Yxy(67.3081, 0.3710, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBB5
RGB	255, 203, 181
RGB Percent	100%, 80%, 71%
CMY	0.0000, 0.2039, 0.2902
CMYK	0.00, 0.20, 0.29, 0.00
HSL	18°, 100%, 85%
HSV	18°, 29%, 100%
XYZ	70.9412, 67.3081, 52.9669
YIQ	216.0400, 38.0540, 4.1820

Conversions

Conversions Part 2

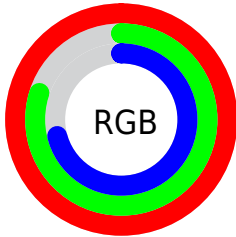
Format	Color
R _Y B	255, 212, 181
Decimal	16763829
CIE Lab	85.66, 15.36, 17.98
CIE LCh	86, 23.649, 49.492
Yxy	67.3081, 0.3710, 0.3520
Android (android.graphics.Color)	4294953909 (0xFFFFCBB5)
YUV	216.0400, -17.2747, 34.1679
Hunter-Lab	82.0415, 10.7761, 19.1508

Details

The Yxy color **67.3081, 0.3710, 0.3520** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3206, 0.2680, 0.3047**, and the grayscale version is **68.7971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **34.9237, 0.3853, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **58.3750, 0.3985, 0.3603**, and if you desaturate by 10%, it is **77.4101, 0.3476, 0.3437**.

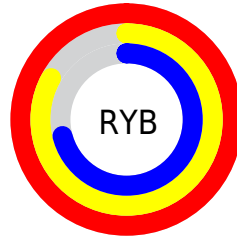
Distribution



Red (100%)

Green (80%)

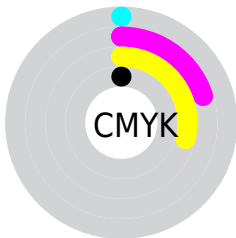
Blue (71%)



Red (100%)

Yellow (83%)

Blue (71%)

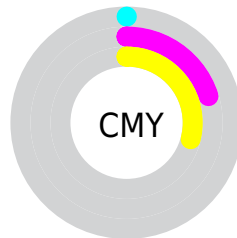


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3081, 0.3710, 0.3520 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 67.3081, 0.3710, 0.3520 by changing the saturation by 10% instead.


 67.3081, 0.3710,
0.3520

 67.3081, 0.3710,
0.3520

451.0407, 0.3434,
0.3419

 49.3351, 0.3774,
0.3542


 115.3618, 0.3613,
0.3486

 34.8853, 0.3854,
0.3567


146.2112, 0.3576,
0.3472

 23.5746, 0.3957,
0.3599


182.1215, 0.3544,
0.3461

 15.0183, 0.4092,
0.3637

223.4772, 0.3516,
0.3450

 8.8323, 0.4277,
0.3684

270.6625, 0.3492,
0.3441

 4.6319, 0.4546,
0.3739

324.0619, 0.3470,

 2.0330, 0.4998,

0.3433

0.3818

384.0599, 0.3451,
0.3425

0.6265, 0.6093,
0.3907

0.0000, 0.0000,
0.0000

67.3081, 0.3710,
0.3520

67.3081, 0.3710,
0.3520

58.3750, 0.3985,
0.3603

77.4101, 0.3476,
0.3437

50.5685, 0.4301,
0.3679

88.7235, 0.3278,
0.3358

43.8416, 0.4654,
0.3740

100.0000, 0.3127,
0.3290

38.1444, 0.5029,
0.3775

■ 33.4227, 0.5399,
0.3771

■ 29.6163, 0.5726,
0.3720

■ 26.6531, 0.5979,
0.3626

■ 26.4032, 0.6001,
0.3617

Harmonies

Analogous

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



67.3081, 0.3615, 0.3277



67.3081, 0.3710, 0.3520



67.3081, 0.3640, 0.3719

Triad

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



67.3081, 0.3710, 0.3520



67.3081, 0.2864, 0.3549



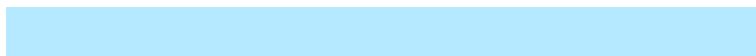
67.3081, 0.2815, 0.2807

Complementary

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



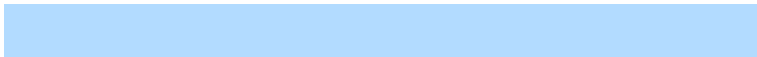
67.3081, 0.3710, 0.3520



75.3206, 0.2680, 0.3047

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.



67.3081, 0.2633, 0.2853



67.3081, 0.3710, 0.3520



67.3081, 0.2660, 0.3273

Square

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



67.3081, 0.3710, 0.3520



67.3081, 0.3145, 0.3752



67.3081, 0.2577, 0.3018



67.3081, 0.3087, 0.2879

Rectangle

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



67.3081, 0.3710, 0.3520



67.3081, 0.3512, 0.3795



67.3081, 0.2577, 0.3018



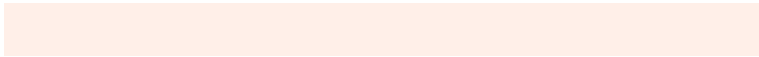
67.3081, 0.2742, 0.2809

Sweetspot

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



67.3077, 0.3710, 0.3520



88.7478, 0.3278, 0.3357



60.2493, 0.3323, 0.2757



18.6268, 0.3304, 0.3369



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.



67.3077, 0.3710, 0.3520



61.8284, 0.3869, 0.3570



86.3093, 0.3609, 0.3872



18.8671, 0.3287, 0.3361



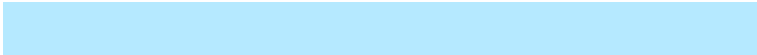
14.0212, 0.5972, 0.3640



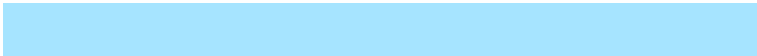
1.5458, 0.5751, 0.3815

Inverse Universe

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



75.3206, 0.2680, 0.3047



71.0432, 0.2591, 0.2989



56.9905, 0.2634, 0.2630



19.5158, 0.2980, 0.3218



20.9308, 0.1969, 0.2288



2.2286, 0.2005, 0.2416

Previews

White Background



This preview shows how the Yxy color 67.3081, 0.3710, 0.3520 looks on a white background.

Color Contrast Check

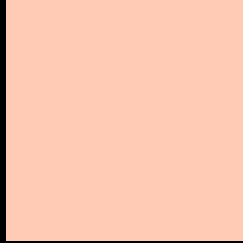
Large Text (above 18pt) WCAG AA × Fail

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 67.3081, 0.3710, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

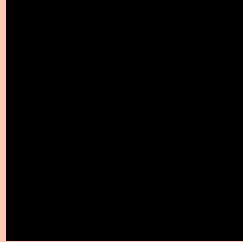
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3081, 0.3710, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 67.3081, 0.3710, 0.3520.



This preview shows how white text looks on a background with the Yxy color 67.3081, 0.3710, 0.3520.

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

67.3081, 0.3710, 0.3520

Protanopia

67.6459, 0.3407, 0.3603

Deuteranopia

67.2121, 0.3645, 0.3567



Tritanopia

67.4236, 0.3456, 0.3148

Trichromacy



Original Color

67.3081, 0.3710, 0.3520

Protanomaly

67.3867, 0.3516, 0.3574

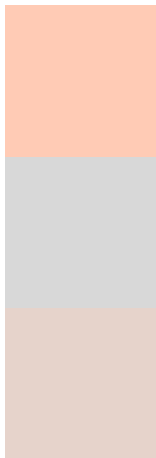
Deuteranomaly

67.2819, 0.3671, 0.3555

Tritanomaly

67.2976, 0.3549, 0.3281

Monochromacy



Original Color

67.3081, 0.3710, 0.3520

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.7233, 0.3327, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3081, 0.3710, 0.3520 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, 203, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 181)  
}
```

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, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 181) }
```

Border

The CSS property to change the border of an element to Yxy 67.3081, 0.3710, 0.3520 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, 203, 181) }
```

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

```
.border{ border-color:rgb(255, 203, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 203, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 203, 181); box-shadow:4px 4px 4px 4px rgb(255, 203, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3081, 0.3710, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 181) }
```

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

```
.background{ background-color: rgb(255,  
203, 181) }
```

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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