

Converting Colors

$Y_{xy}(84.3033, 0.4213, 0.3569)$

Have a look what the booklet for
Yxy(84.3033, 0.4213, 0.3569)
contains.

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Color

Yxy(70.0353, 0.3723, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1B1
RGB	255, 209, 177
RGB Percent	100%, 82%, 69%
CMY	0.0001, 0.1803, 0.3060
CMYK	0.00, 0.18, 0.31, 0.00
HSL	25°, 100%, 85%
HSV	25°, 31%, 100%
XYZ	71.9684, 70.0353, 51.3038
YIQ	219.1060, 37.6880, -0.2000

Conversions

Conversions Part 2

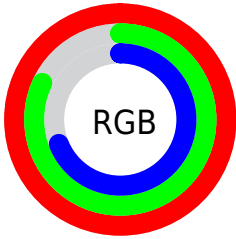
Format	Color
R_{YB}	255, 231, 177
Decimal	16765361
CIE _{Lab}	87.01, 11.70, 21.98
CIE _{LCh}	87, 24.901, 61.974
Yxy	70.0353, 0.3723, 0.3623
Android (android.graphics.Color)	4294955441 (0xFFFFD1B1)
YUV	219.1060, -20.7583, 31.4790
Hunter-Lab	83.6871, 7.0522, 22.2336

Details

The Yxy color **70.0353, 0.3723, 0.3623** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.3026, 0.2644, 0.2930**, and the grayscale version is **71.0426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **36.7682, 0.3866, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **62.0866, 0.3980, 0.3735**, and if you desaturate by 10%, it is **78.8757, 0.3498, 0.3510**.

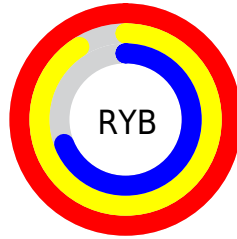
Distribution



Red (100%)

Green (82%)

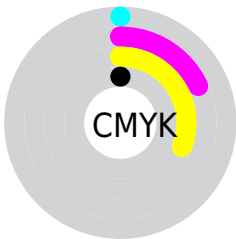
Blue (69%)



Red (100%)

Yellow (91%)

Blue (69%)

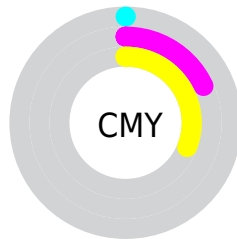


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0353, 0.3723, 0.3623 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 70.0353, 0.3723, 0.3623 by changing the saturation by 10% instead.


 70.0353, 0.3723,
0.3623

 70.0353, 0.3723,
0.3623

460.6739, 0.3444,
0.3474

 51.5553, 0.3787,
0.3655


 119.2591, 0.3626,
0.3573

 36.6507, 0.3867,
0.3694


150.7717, 0.3588,
0.3553

 24.9372, 0.3968,
0.3741


187.3973, 0.3555,
0.3536

 16.0303, 0.4099,
0.3800

229.5203, 0.3527,
0.3520

 9.5456, 0.4277,
0.3874

277.5250, 0.3502,
0.3507

 5.0987, 0.4529,
0.3966

331.7960, 0.3481,

 2.3053, 0.4962,

0.3495

0.4119

392.7175, 0.3461,
0.3484

0.7765, 0.5718,
0.4282

0.0000, 0.0000,
0.0000

70.0353, 0.3723,
0.3623

70.0353, 0.3723,
0.3623

62.0866, 0.3980,
0.3735

78.8757, 0.3498,
0.3510

54.9900, 0.4267,
0.3839

88.6262, 0.3303,
0.3400

48.7172, 0.4578,
0.3925

99.3168, 0.3136,
0.3296

43.2344, 0.4899,
0.3979

99.9963, 0.3127,
0.3290

■ 38.5044, 0.5210,
0.3988

■ 34.4862, 0.5486,
0.3943

■ 31.3075, 0.5699,
0.3857

Harmonies

Analogous

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



70.0353, 0.3696, 0.3382



70.0353, 0.3723, 0.3623



70.0353, 0.3583, 0.3792

Triad

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



70.0353, 0.3723, 0.3623



70.0353, 0.2753, 0.3443



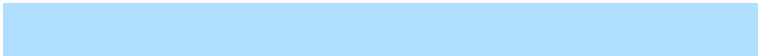
70.0353, 0.2912, 0.2807

Complementary

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



70.0353, 0.3723, 0.3623



69.3026, 0.2644, 0.2930

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.



70.0353, 0.2678, 0.2801



70.0353, 0.3723, 0.3623



70.0353, 0.2590, 0.3154

Square

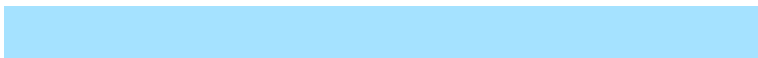
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0353, 0.3723, 0.3623



70.0353, 0.3019, 0.3699



70.0353, 0.2563, 0.2922



70.0353, 0.3215, 0.2926

Rectangle

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



70.0353, 0.3723, 0.3623



70.0353, 0.3419, 0.3833



70.0353, 0.2563, 0.2922



70.0353, 0.2823, 0.2791

Sweetspot

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



70.0385, 0.3723, 0.3623



90.2829, 0.3275, 0.3383



58.0587, 0.3411, 0.2814



19.0035, 0.3301, 0.3398



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.



70.0385, 0.3723, 0.3623



64.8560, 0.3884, 0.3696



91.0607, 0.3612, 0.3988



19.2125, 0.3284, 0.3388



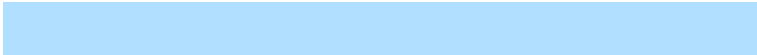
16.6382, 0.5670, 0.3880



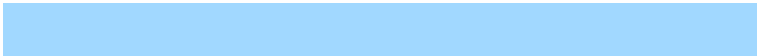
1.8288, 0.5465, 0.4043

Inverse Universe

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



69.3026, 0.2644, 0.2930



63.9963, 0.2544, 0.2841



51.1649, 0.2592, 0.2480



19.1569, 0.2979, 0.3190



15.5128, 0.1856, 0.1882



1.7257, 0.1905, 0.2058

Previews

White Background



This preview shows how the Yxy color 70.0353, 0.3723, 0.3623 looks on a white background.

Color Contrast Check

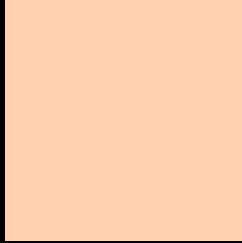
Large Text (above 18pt) WCAG AA × Fail

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 70.0353, 0.3723, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

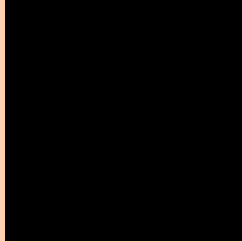
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.0353, 0.3723, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 70.0353, 0.3723, 0.3623.



This preview shows how white text looks on a background with the Yxy color 70.0353, 0.3723, 0.3623.

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

70.0353, 0.3723, 0.3623

Protanopia

70.3020, 0.3473, 0.3697

Deuteranopia

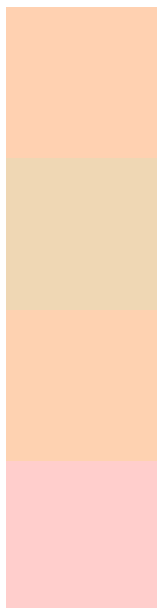
70.1502, 0.3704, 0.3635



Tritanopia

70.0371, 0.3410, 0.3149

Trichromacy



Original Color

70.0353, 0.3723, 0.3623

Protanomaly

70.2469, 0.3557, 0.3668

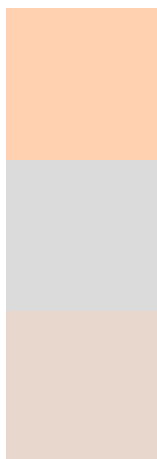
Deuteranomaly

70.3383, 0.3712, 0.3634

Tritanomaly

69.7622, 0.3523, 0.3312

Monochromacy



Original Color

70.0353, 0.3723, 0.3623

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1163, 0.3330, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0353, 0.3723, 0.3623 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, 209, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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(255, 209, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 177) }
```

Border

The CSS property to change the border of an element to Yxy 70.0353, 0.3723, 0.3623 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, 209, 177) }
```

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

```
.border{ border-color:rgb(255, 209, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 209, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 209, 177); box-shadow:4px 4px 4px 4px rgb(255, 209, 177) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.0353, 0.3723, 0.3623$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 177) }
```

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

```
.background{ background-color: rgb(255,  
209, 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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