

Converting Colors

$Y_{xy}(71.2003, 0.3567, 0.3574)$

Have a look what the booklet for
Yxy(71.2003, 0.3567, 0.3574)
contains.

Yxy(71.2738, 0.3563, 0.3576)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.2738, 0.3563, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	F6D6BB
RGB	246, 214, 187
RGB Percent	96%, 84%, 73%
CMY	0.0354, 0.1607, 0.2667
CMYK	0.00, 0.13, 0.24, 0.04
HSL	27°, 77%, 85%
HSV	27°, 24%, 96%
XYZ	71.0147, 71.2738, 57.0230
YIQ	220.4900, 27.7390, -1.6130

Conversions

Conversions Part 2

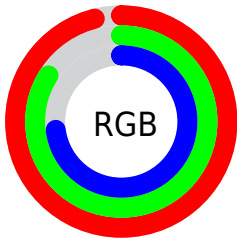
Format	Color
R _Y B	246, 237, 187
Decimal	16176827
CIE Lab	87.62, 7.08, 17.44
CIE LCh	88, 18.822, 67.917
Yxy	71.2738, 0.3563, 0.3576
Android (android.graphics.Color)	4294366907 (0xFFFF6D6BB)
YUV	220.4900, -16.5106, 22.3723
Hunter-Lab	84.4238, 2.4070, 19.0500

Details

The Yxy color **71.2738, 0.3563, 0.3576** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8537, 0.2747, 0.2986**, and the grayscale version is **72.0334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **37.3363, 0.3666, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **63.8391, 0.3791, 0.3702**, and if you desaturate by 10%, it is **79.4475, 0.3363, 0.3453**.

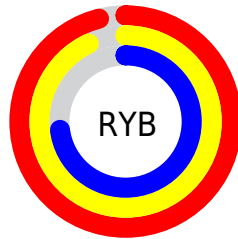
Distribution



Red (96%)

Green (84%)

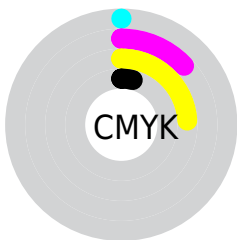
Blue (73%)



Red (96%)

Yellow (93%)

Blue (73%)

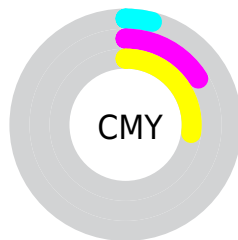


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2738, 0.3563, 0.3576 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 71.2738, 0.3563, 0.3576 by changing the saturation by 10% instead.


 71.2738, 0.3563,
0.3576

 71.2738, 0.3563,
0.3576


465.0100, 0.3359,
0.3446

 52.5657, 0.3610,
0.3605


 121.0235, 0.3492,
0.3532

 37.4562, 0.3668,
0.3640


152.8339, 0.3465,
0.3514

 25.5609, 0.3741,
0.3684


189.7804, 0.3441,
0.3499

 16.4954, 0.3837,
0.3740

232.2476, 0.3420,
0.3486

 9.8754, 0.3968,
0.3814

280.6197, 0.3402,
0.3474

 5.3164, 0.4156,
0.3913

335.2812, 0.3386,

 2.4341, 0.4443,

0.3464

0.4052

396.6165, 0.3372,
0.3454

0.8433, 0.5378,
0.4622

0.0000, 0.0000,
0.0000

71.2738, 0.3563,
0.3576

71.2738, 0.3563,
0.3576

63.8391, 0.3791,
0.3702

79.4475, 0.3363,
0.3453

57.1112, 0.4046,
0.3824

88.3716, 0.3190,
0.3335

51.0698, 0.4325,
0.3935

97.6914, 0.3072,
0.3280

45.6896, 0.4620,
0.4023

98.3282, 0.3072,
0.3290

■ 40.9434, 0.4917,
0.4074

■ 36.8013, 0.5195,
0.4076

■ 33.2294, 0.5434,
0.4023

■ 31.3309, 0.5558,
0.3969

Harmonies

Analogous

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



71.2738, 0.3567, 0.3402



71.2738, 0.3563, 0.3576



71.2738, 0.3439, 0.3681

Triad

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



71.2738, 0.3563, 0.3576



71.2738, 0.2813, 0.3363



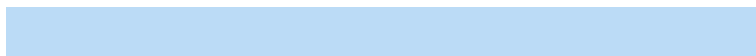
71.2738, 0.3010, 0.2933

Complementary

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



71.2738, 0.3563, 0.3576



67.8537, 0.2747, 0.2986

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.



71.2738, 0.2817, 0.2912



71.2738, 0.3563, 0.3576



71.2738, 0.2706, 0.3152

Square

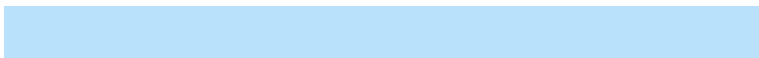
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2738, 0.3563, 0.3576



71.2738, 0.3004, 0.3561



71.2738, 0.2708, 0.2989



71.2738, 0.3241, 0.3040

Rectangle

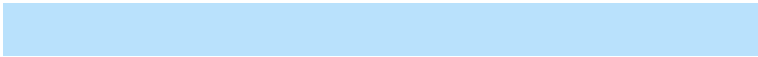
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2738, 0.3563, 0.3576



71.2738, 0.3307, 0.3693



71.2738, 0.2708, 0.2989



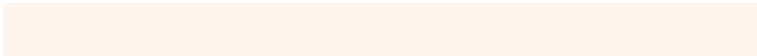
71.2738, 0.2938, 0.2915

Sweetspot

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



71.2770, 0.3563, 0.3576



92.8868, 0.3240, 0.3370



60.2631, 0.3360, 0.2951



19.7544, 0.3250, 0.3377



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.



71.2770, 0.3563, 0.3576



73.1641, 0.3675, 0.3640



87.2921, 0.3496, 0.3862



17.7335, 0.3282, 0.3399



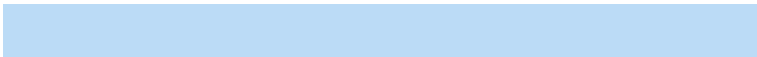
17.0002, 0.5530, 0.3991



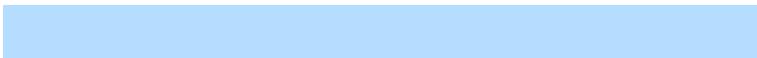
1.6971, 0.5321, 0.4157

Inverse Universe

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



67.8537, 0.2747, 0.2986



68.8254, 0.2665, 0.2911



54.0179, 0.2719, 0.2645



17.4145, 0.2980, 0.3179



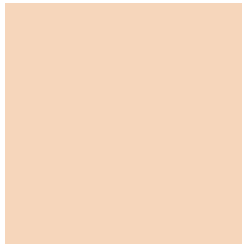
12.8323, 0.1811, 0.1719



1.3333, 0.1870, 0.1931

Previews

White Background



This preview shows how the Yxy color 71.2738, 0.3563, 0.3576 looks on a white background.

Color Contrast Check

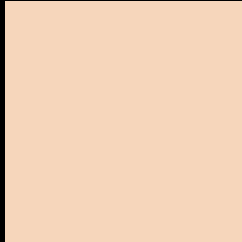
Large Text (above 18pt) WCAG AA × Fail

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 71.2738, 0.3563, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

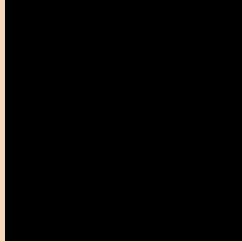
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2738, 0.3563, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 71.2738, 0.3563, 0.3576.



This preview shows how white text looks on a background with the Yxy color 71.2738, 0.3563, 0.3576.

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

71.2738, 0.3563, 0.3576

Protanopia

71.3697, 0.3415, 0.3607

Deuteranopia

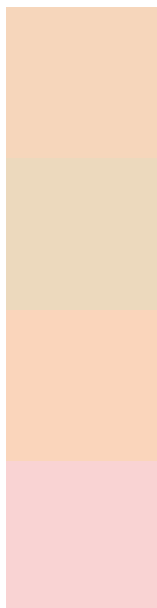
71.3703, 0.3615, 0.3551



Tritanopia

71.5464, 0.3330, 0.3128

Trichromacy



Original Color

71.2738, 0.3563, 0.3576

Protanomaly

71.1327, 0.3464, 0.3593

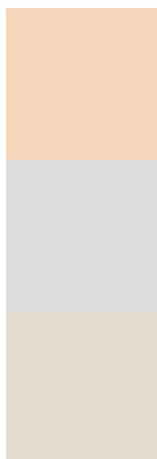
Deuteranomaly

71.5003, 0.3597, 0.3563

Tritanomaly

71.4314, 0.3415, 0.3291

Monochromacy



Original Color

71.2738, 0.3563, 0.3576

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3549, 0.3276, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2738, 0.3563, 0.3576 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(246, 214, 187)` looks like.

```
.text, #text, p{  
    color:rgb(246, 214, 187)  
}
```

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(246, 214, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 214, 187) }
```

Border

The CSS property to change the border of an element to Yxy 71.2738, 0.3563, 0.3576 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(246, 214, 187) }
```

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

```
.border{ border-color:rgb(246, 214, 187) }
```

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

Here you see how a box with a 4 pixel rgb(246, 214, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 214, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 214, 187);  
box-shadow:4px 4px 4px 4px rgb(246, 214,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2738, 0.3563, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 214, 187) }
```

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

```
.background{ background-color: rgb(246,  
214, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor