

Converting Colors

$Yxy(71.6241, 0.3664, 0.3674)$

Have a look what the booklet for
Yxy(71.6241, 0.3664, 0.3674)
contains.

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Color

Yxy(71.5915, 0.3669, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	FAD6B1
RGB	250, 214, 177
RGB Percent	98%, 84%, 69%
CMY	0.0194, 0.1608, 0.3059
CMYK	0.00, 0.14, 0.29, 0.02
HSL	30°, 88%, 84%
HSV	30°, 29%, 98%
XYZ	71.4163, 71.5915, 51.6401
YIQ	220.5460, 33.3330, -3.8750

Conversions

Conversions Part 2

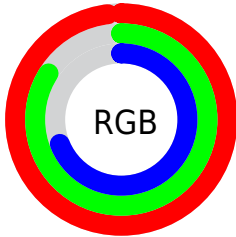
Format	Color
R _Y B	248, 250, 177
Decimal	16438961
CIE Lab	87.77, 7.27, 22.95
CIE LCh	88, 24.070, 72.428
Yxy	71.5915, 0.3669, 0.3678
Android (android.graphics.Color)	4294629041 (0xFFFA6B1)
YUV	220.5460, -21.4682, 25.8312
Hunter-Lab	84.6118, 2.5918, 23.0425

Details

The Yxy color **71.5915, 0.3669, 0.3678** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.8550, 0.2658, 0.2867**, and the grayscale version is **72.1110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **37.5890, 0.3805, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **64.6773, 0.3902, 0.3815**, and if you desaturate by 10%, it is **79.1680, 0.3460, 0.3540**.

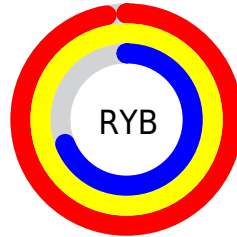
Distribution



Red (98%)

Green (84%)

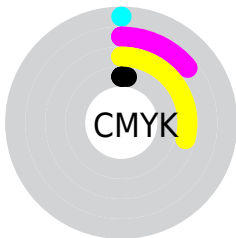
Blue (69%)



Red (97%)

Yellow (98%)

Blue (69%)

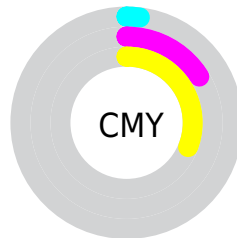


Cyan (0%)

Magenta (14%)

Yellow (29%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5915, 0.3669, 0.3678 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 71.5915, 0.3669, 0.3678 by changing the saturation by 10% instead.


 71.5915, 0.3669,
0.3678

 71.5915, 0.3669,
0.3678


466.1185, 0.3417,
0.3503

 52.8250, 0.3727,
0.3717


 121.4756, 0.3581,
0.3618

 37.6631, 0.3798,
0.3764


153.3620, 0.3547,
0.3595

 25.7213, 0.3887,
0.3822

190.3905, 0.3518,
0.3574

 16.6153, 0.4004,
0.3895

232.9455, 0.3493,
0.3556

 9.9606, 0.4160,
0.3989

281.4114, 0.3470,
0.3540

 5.3728, 0.4378,
0.4113

336.1726, 0.3450,

 2.4676, 0.4746,

0.3526

0.4314

397.6135, 0.3433,
0.3514

0.8604, 0.5387,
0.4613

0.0000, 0.0000,
0.0000

71.5915, 0.3669,
0.3678

71.5915, 0.3669,
0.3678

64.6773, 0.3902,
0.3815

79.1680, 0.3460,
0.3540

58.3951, 0.4157,
0.3945

87.4163, 0.3276,
0.3407

52.7265, 0.4428,
0.4056

96.3579, 0.3115,
0.3280

47.6481, 0.4703,
0.4137

99.0717, 0.3097,
0.3290

■ 43.1344, 0.4968,
0.4174

■ 39.1568, 0.5204,
0.4158

■ 35.6774, 0.5400,
0.4089

■ 35.4236, 0.5415,
0.4082

Harmonies

Analogous

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



71.5915, 0.3701, 0.3464



71.5915, 0.3669, 0.3678



71.5915, 0.3488, 0.3800

Triad

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



71.5915, 0.3669, 0.3678



71.5915, 0.2699, 0.3339



71.5915, 0.3019, 0.2854

Complementary

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



71.5915, 0.3669, 0.3678



63.8550, 0.2658, 0.2867

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.



71.5915, 0.2763, 0.2808



71.5915, 0.3669, 0.3678



71.5915, 0.2586, 0.3072

Square

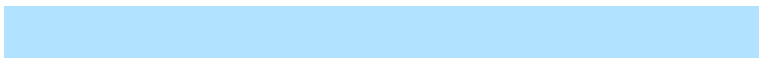
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5915, 0.3669, 0.3678



71.5915, 0.2927, 0.3606



71.5915, 0.2609, 0.2883



71.5915, 0.3315, 0.3002

Rectangle

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



71.5915, 0.3669, 0.3678



71.5915, 0.3311, 0.3804



71.5915, 0.2609, 0.2883



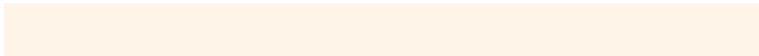
71.5915, 0.2925, 0.2826

Sweetspot

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



71.5948, 0.3669, 0.3678



91.5954, 0.3273, 0.3404



56.5998, 0.3457, 0.2910



19.3263, 0.3298, 0.3423



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.



71.5948, 0.3669, 0.3678



70.5733, 0.3802, 0.3758



91.9025, 0.3570, 0.4022



18.6787, 0.3281, 0.3410



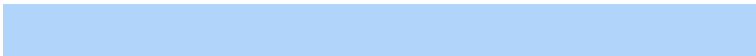
19.0715, 0.5390, 0.4102



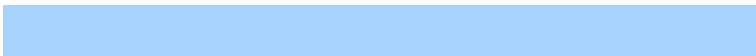
1.9785, 0.5209, 0.4246

Inverse Universe

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



63.8550, 0.2658, 0.2867



61.2889, 0.2561, 0.2768



47.6879, 0.2610, 0.2436



18.0575, 0.2980, 0.3167



11.5092, 0.1765, 0.1553



1.2777, 0.1825, 0.1771

Previews

White Background



This preview shows how the Yxy color 71.5915, 0.3669, 0.3678 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 71.5915, 0.3669, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

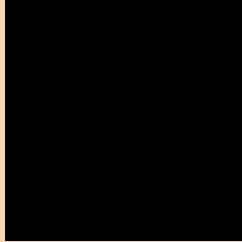
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5915, 0.3669, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 71.5915, 0.3669, 0.3678.



This preview shows how white text looks on a background with the Yxy color 71.5915, 0.3669, 0.3678.

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

71.5915, 0.3669, 0.3678

Protanopia

71.8053, 0.3499, 0.3726

Deuteranopia

71.6016, 0.3699, 0.3632



Tritanopia

71.7536, 0.3369, 0.3129

Trichromacy



Original Color

71.5915, 0.3669, 0.3678

Protanomaly

71.7482, 0.3557, 0.3709

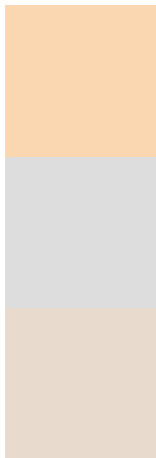
Deuteranomaly

71.6855, 0.3688, 0.3654

Tritanomaly

71.4808, 0.3477, 0.3322

Monochromacy



Original Color

71.5915, 0.3669, 0.3678

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.7064, 0.3319, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5915, 0.3669, 0.3678 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(250, 214, 177)` looks like.

```
.text, #text, p{  
    color:rgb(250, 214, 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(250, 214, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 214, 177) }
```

Border

The CSS property to change the border of an element to Yxy 71.5915, 0.3669, 0.3678 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(250, 214, 177) }
```

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

```
.border{ border-color:rgb(250, 214, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 214, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 214, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 214, 177);  
box-shadow:4px 4px 4px 4px rgb(250, 214,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5915, 0.3669, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 214, 177) }
```

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

```
.background{ background-color: rgb(250,  
214, 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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