

Converting Colors

$Yxy(71.4816, 0.3721, 0.3663)$

Have a look what the booklet for
Yxy(71.4816, 0.3721, 0.3663)
contains.

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Color

Yxy(71.4816, 0.3721, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4B0
RGB	255, 212, 176
RGB Percent	100%, 83%, 69%
CMY	0.0001, 0.1686, 0.3098
CMYK	0.00, 0.17, 0.31, 0.00
HSL	27°, 100%, 85%
HSV	27°, 31%, 100%
XYZ	72.6134, 71.4816, 51.0499
YIQ	220.7530, 37.1840, -2.0800

Conversions

Conversions Part 2

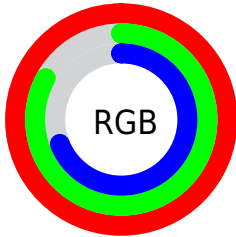
Format	Color
R_{YB}	255, 242, 176
Decimal	16766128
CIE _{Lab}	87.72, 10.02, 23.45
CIE _{LCh}	88, 25.504, 66.861
Yxy	71.4816, 0.3721, 0.3663
Android (android.graphics.Color)	4294956208 (0xFFFFD4B0)
YUV	220.7530, -22.0632, 30.0346
Hunter-Lab	84.5468, 5.3487, 23.3831

Details

The Yxy color **71.4816, 0.3721, 0.3663** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.0970, 0.2634, 0.2884**, and the grayscale version is **72.2632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **37.4143, 0.3866, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **63.9278, 0.3969, 0.3787**, and if you desaturate by 10%, it is **79.8274, 0.3501, 0.3538**.

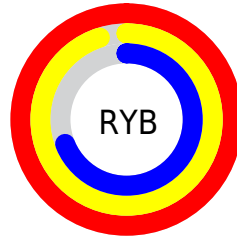
Distribution



Red (100%)

Green (83%)

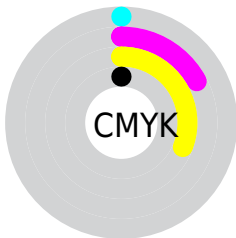
Blue (69%)



Red (100%)

Yellow (95%)

Blue (69%)

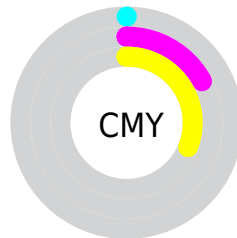


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4816, 0.3721, 0.3663 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 71.4816, 0.3721, 0.3663 by changing the saturation by 10% instead.


 71.4816, 0.3721,
0.3663

 71.4816, 0.3721,
0.3663

465.7352, 0.3444,
0.3496

 52.7353, 0.3784,
0.3699

 121.3192, 0.3625,
0.3606

 37.5915, 0.3862,
0.3743


153.1793, 0.3587,
0.3584

 25.6658, 0.3961,
0.3797


190.1795, 0.3555,
0.3565

 16.5738, 0.4089,
0.3864

232.7042, 0.3527,
0.3548

 9.9311, 0.4261,
0.3948

281.1377, 0.3503,
0.3532

 5.3533, 0.4502,
0.4055

335.8644, 0.3481,

 2.4560, 0.4913,

0.3519

0.4232

397.2688, 0.3461,
0.3507

0.8545, 0.5573,
0.4427

0.0000, 1.0000,
0.0000

71.4816, 0.3721,
0.3663

71.4816, 0.3721,
0.3663

63.9278, 0.3969,
0.3787

79.8274, 0.3501,
0.3538

57.1306, 0.4243,
0.3902

88.9795, 0.3309,
0.3416

51.0661, 0.4536,
0.3997

98.9642, 0.3142,
0.3301

45.7050, 0.4836,
0.4060

99.9949, 0.3127,
0.3290

■ 41.0154, 0.5123,
0.4076

■ 36.9615, 0.5377,
0.4039

■ 33.8056, 0.5567,
0.3962

Harmonies

Analogous

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



71.4816, 0.3722, 0.3426



71.4816, 0.3721, 0.3663



71.4816, 0.3554, 0.3817

Triad

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



71.4816, 0.3721, 0.3663



71.4816, 0.2711, 0.3397



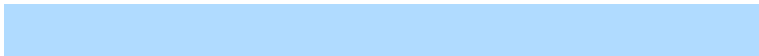
71.4816, 0.2956, 0.2811

Complementary

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



71.4816, 0.3721, 0.3663



67.0970, 0.2634, 0.2884

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.



71.4816, 0.2702, 0.2786



71.4816, 0.3721, 0.3663



71.4816, 0.2567, 0.3107

Square

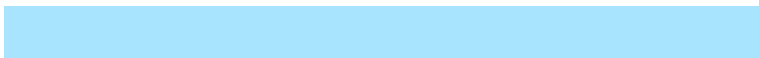
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4816, 0.3721, 0.3663



71.4816, 0.2968, 0.3670



71.4816, 0.2564, 0.2887



71.4816, 0.3268, 0.2950

Rectangle

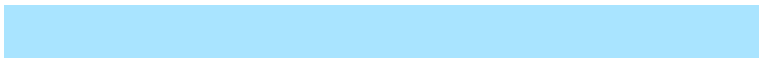
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4816, 0.3721, 0.3663



71.4816, 0.3377, 0.3842



71.4816, 0.2564, 0.2887



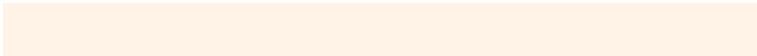
71.4816, 0.2861, 0.2789

Sweetspot

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



71.4849, 0.3721, 0.3663



90.9000, 0.3274, 0.3393



57.4481, 0.3449, 0.2847



19.1552, 0.3300, 0.3410



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.



71.4849, 0.3721, 0.3663



66.8502, 0.3867, 0.3738



93.4001, 0.3607, 0.4031



19.3515, 0.3283, 0.3399



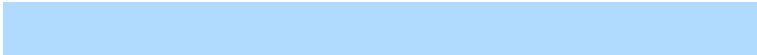
17.9582, 0.5540, 0.3983



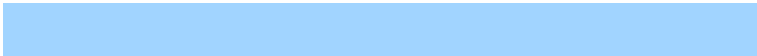
1.9637, 0.5348, 0.4136

Inverse Universe

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



67.0970, 0.2634, 0.2884



61.8375, 0.2536, 0.2790



49.0763, 0.2579, 0.2422



19.0155, 0.2979, 0.3179



13.6825, 0.1812, 0.1724



1.5508, 0.1866, 0.1916

Previews

White Background



This preview shows how the Yxy color 71.4816, 0.3721, 0.3663 looks on a white background.

Color Contrast Check

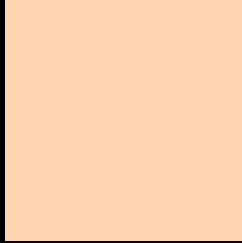
Large Text (above 18pt) WCAG AA × Fail

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 71.4816, 0.3721, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

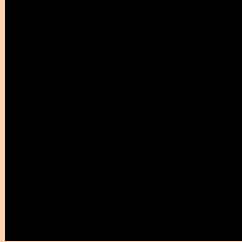
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4816, 0.3721, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 71.4816, 0.3721, 0.3663.



This preview shows how white text looks on a background with the Yxy color 71.4816, 0.3721, 0.3663.

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

71.4816, 0.3721, 0.3663

Protanopia

71.8053, 0.3499, 0.3726

Deuteranopia

71.5613, 0.3706, 0.3642



Tritanopia

71.5922, 0.3391, 0.3159

Trichromacy



Original Color

71.4816, 0.3721, 0.3663

Protanomaly

71.5812, 0.3575, 0.3697

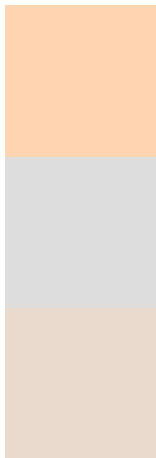
Deuteranomaly

71.5213, 0.3714, 0.3653

Tritanomaly

71.2687, 0.3509, 0.3332

Monochromacy



Original Color

71.4816, 0.3721, 0.3663

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8742, 0.3326, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4816, 0.3721, 0.3663 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, 212, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 176)  
}
```

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, 212, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 176) }
```

Border

The CSS property to change the border of an element to Yxy 71.4816, 0.3721, 0.3663 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, 212, 176) }
```

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

```
.border{ border-color:rgb(255, 212, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4816, 0.3721, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 176) }
```

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

```
.background{ background-color: rgb(255,  
212, 176) }
```

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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