

Converting Colors

$Y_{xy}(81.4122, 0.4106, 0.3607)$

Have a look what the booklet for
Yxy(81.4122, 0.4106, 0.3607)
contains.

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Color

Yxy(70.9437, 0.3732, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3AF
RGB	255, 211, 175
RGB Percent	100%, 83%, 69%
CMY	0.0000, 0.1726, 0.3136
CMYK	0.00, 0.17, 0.31, 0.00
HSL	27°, 100%, 84%
HSV	27°, 31%, 100%
XYZ	72.2801, 70.9437, 50.4527
YIQ	220.0520, 37.7800, -1.8680

Conversions

Conversions Part 2

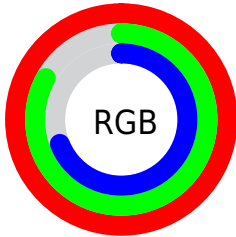
Format	Color
R _Y B	255, 240, 175
Decimal	16765871
CIE Lab	87.46, 10.45, 23.61
CIE LCh	87, 25.818, 66.135
Yxy	70.9437, 0.3732, 0.3663
Android (android.graphics.Color)	4294955951 (0xFFFFD3AF)
YUV	220.0520, -22.2106, 30.6494
Hunter-Lab	84.2281, 5.7801, 23.4449

Details

The Yxy color **70.9437, 0.3732, 0.3663** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.0142, 0.2628, 0.2883**, and the grayscale version is **71.7458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **37.0524, 0.3881, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **63.3636, 0.3982, 0.3785**, and if you desaturate by 10%, it is **79.3194, 0.3510, 0.3539**.

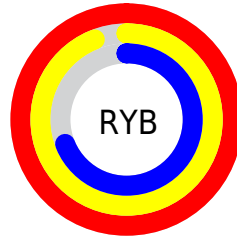
Distribution



Red (100%)

Green (83%)

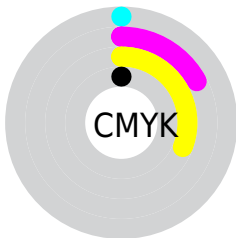
Blue (69%)



Red (100%)

Yellow (94%)

Blue (69%)

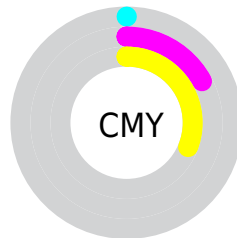


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9437, 0.3732, 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 70.9437, 0.3732, 0.3663 by changing the saturation by 10% instead.


 70.9437, 0.3732,
0.3663

 70.9437, 0.3732,
0.3663


463.8566, 0.3450,
0.3496

 52.2963, 0.3797,
0.3699


 120.5536, 0.3634,
0.3607

 37.2413, 0.3877,
0.3743


152.2848, 0.3596,
0.3584

 25.3943, 0.3977,
0.3796


189.1460, 0.3563,
0.3565

 16.3711, 0.4109,
0.3863

231.5217, 0.3534,
0.3548

 9.7871, 0.4285,
0.3947

279.7962, 0.3509,
0.3533

 5.2580, 0.4531,
0.4051

334.3539, 0.3487,

 2.3995, 0.4965,

0.3519

0.4235

395.5792, 0.3467,
0.3507

0.8256, 0.5611,
0.4389

0.0000, 0.0000,
0.0000

70.9437, 0.3732,
0.3663

70.9437, 0.3732,
0.3663

63.3636, 0.3982,
0.3785

79.3194, 0.3510,
0.3539

56.5561, 0.4259,
0.3898

88.5186, 0.3316,
0.3419

50.4923, 0.4556,
0.3991

98.5639, 0.3148,
0.3305

45.1422, 0.4858,
0.4050

100.0000, 0.3127,
0.3290

■ 40.4732, 0.5147,
0.4064

■ 36.4486, 0.5402,
0.4022

■ 33.4522, 0.5585,
0.3947

Harmonies

Analogous

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



70.9437, 0.3729, 0.3421



70.9437, 0.3732, 0.3663



70.9437, 0.3566, 0.3823

Triad

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



70.9437, 0.3732, 0.3663



70.9437, 0.2710, 0.3406



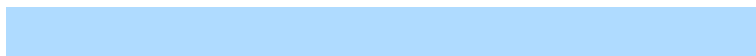
70.9437, 0.2946, 0.2803

Complementary

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



70.9437, 0.3732, 0.3663



67.0142, 0.2628, 0.2883

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.



70.9437, 0.2691, 0.2779



70.9437, 0.3732, 0.3663



70.9437, 0.2560, 0.3110

Square

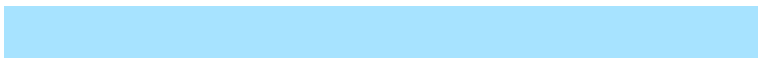
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9437, 0.3732, 0.3663



70.9437, 0.2973, 0.3682



70.9437, 0.2554, 0.2885



70.9437, 0.3262, 0.2940

Rectangle

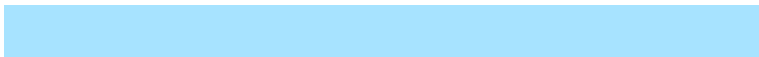
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9437, 0.3732, 0.3663



70.9437, 0.3387, 0.3851



70.9437, 0.2554, 0.2885



70.9437, 0.2851, 0.2781

Sweetspot

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



70.9427, 0.3732, 0.3663



90.8153, 0.3274, 0.3391



57.1148, 0.3443, 0.2828



19.1344, 0.3300, 0.3408



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.



70.9427, 0.3732, 0.3663



65.8251, 0.3895, 0.3745



92.5213, 0.3617, 0.4029



19.3324, 0.3283, 0.3397



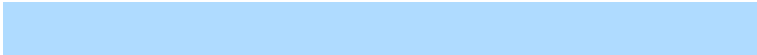
17.7679, 0.5558, 0.3969



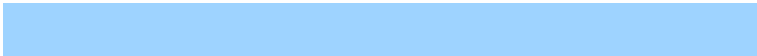
1.9445, 0.5364, 0.4123

Inverse Universe

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



67.0142, 0.2628, 0.2883



61.2946, 0.2522, 0.2781



49.1230, 0.2573, 0.2425



19.0348, 0.2979, 0.3180



13.9223, 0.1818, 0.1745



1.5739, 0.1871, 0.1935

Previews

White Background



This preview shows how the Yxy color 70.9437, 0.3732, 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 70.9437, 0.3732, 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 70.9437, 0.3732, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 70.9437, 0.3732, 0.3663.



This preview shows how white text looks on a background with the Yxy color 70.9437, 0.3732, 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

70.9437, 0.3732, 0.3663

Protanopia

71.0735, 0.3501, 0.3728

Deuteranopia

70.9831, 0.3724, 0.3653



Tritanopia

71.0530, 0.3400, 0.3159

Trichromacy



Original Color

70.9437, 0.3732, 0.3663

Protanomaly

70.8514, 0.3577, 0.3699

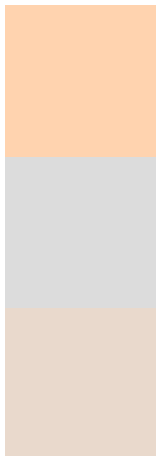
Deuteranomaly

70.9831, 0.3724, 0.3653

Tritanomaly

70.7314, 0.3519, 0.3332

Monochromacy



Original Color

70.9437, 0.3732, 0.3663

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3090, 0.3335, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9437, 0.3732, 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, 211, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 175)  
}
```

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, 211, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 175) }
```

Border

The CSS property to change the border of an element to Yxy 70.9437, 0.3732, 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, 211, 175) }
```

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

```
.border{ border-color:rgb(255, 211, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9437, 0.3732, 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, 211, 175) }
```

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

```
.background{ background-color: rgb(255,  
211, 175) }
```

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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