

Converting Colors

$Y_{xy}(70.8481, 0.3630, 0.3616)$

Have a look what the booklet for
Yxy(70.8481, 0.3630, 0.3616)
contains.

Yxy(71.1056, 0.3626, 0.3616)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.1056, 0.3626, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	F9D5B6
RGB	249, 213, 182
RGB Percent	98%, 84%, 71%
CMY	0.0236, 0.1647, 0.2862
CMYK	0.00, 0.14, 0.27, 0.02
HSL	28°, 85%, 85%
HSV	28°, 27%, 98%
XYZ	71.3022, 71.1056, 54.2338
YIQ	220.2300, 31.4070, -2.0090

Conversions

Conversions Part 2

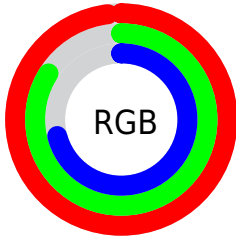
Format	Color
R _Y B	249, 240, 182
Decimal	16373174
CIE Lab	87.54, 8.04, 19.97
CIE LCh	88, 21.530, 68.075
Yxy	71.1056, 0.3626, 0.3616
Android (android.graphics.Color)	4294563254 (0xFFFF9D5B6)
YUV	220.2300, -18.8474, 25.2313
Hunter-Lab	84.3241, 3.3676, 20.8941

Details

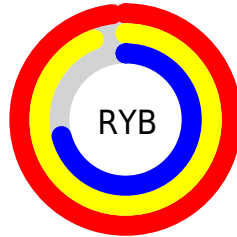
The Yxy color **71.1056, 0.3626, 0.3616** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.9276, 0.2700, 0.2940**, and the grayscale version is **71.8588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **37.2452, 0.3750, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **63.7146, 0.3861, 0.3743**, and if you desaturate by 10%, it is **79.2412, 0.3419, 0.3490**.

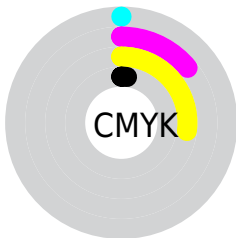
Distribution



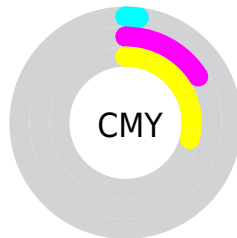
- Red (98%)
- Green (84%)
- Blue (71%)



- Red (98%)
- Yellow (94%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1056, 0.3626, 0.3616 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 71.1056, 0.3626, 0.3616 by changing the saturation by 10% instead.

 71.1056, 0.3626,
0.3616

 71.1056, 0.3626,
0.3616

464.4225, 0.3393,
0.3469

 52.4284, 0.3679,
0.3649


 120.7841, 0.3545,
0.3566

 37.3466, 0.3746,
0.3688


152.5541, 0.3513,
0.3546

 25.4760, 0.3829,
0.3737


189.4572, 0.3486,
0.3529

 16.4320, 0.3939,
0.3800

231.8778, 0.3463,
0.3514

 9.8304, 0.4087,
0.3880

280.2002, 0.3442,
0.3500

 5.2866, 0.4297,
0.3987

334.8089, 0.3424,

 2.4164, 0.4630,

0.3489

0.4141

396.0882, 0.3408,
0.3478

0.8343, 0.5447,
0.4553

0.0000, 0.0000,
0.0000

71.1056, 0.3626,
0.3616

71.1056, 0.3626,
0.3616

63.7146, 0.3861,
0.3743

79.2412, 0.3419,
0.3490

57.0354, 0.4123,
0.3864

88.1335, 0.3238,
0.3369

51.0469, 0.4407,
0.3970

97.6954, 0.3091,
0.3272

45.7229, 0.4702,
0.4050

98.8770, 0.3090,
0.3290

■ 41.0350, 0.4993,
0.4089

■ 36.9519, 0.5259,
0.4076

■ 33.4371, 0.5482,
0.4007

■ 32.4490, 0.5545,
0.3979

Harmonies

Analogous

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



71.1056, 0.3632, 0.3417



71.1056, 0.3626, 0.3616



71.1056, 0.3482, 0.3739

Triad

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



71.1056, 0.3626, 0.3616



71.1056, 0.2767, 0.3372



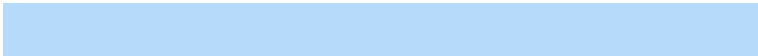
71.1056, 0.2993, 0.2884

Complementary

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



71.1056, 0.3626, 0.3616



66.9276, 0.2700, 0.2940

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.



71.1056, 0.2773, 0.2859



71.1056, 0.3626, 0.3616



71.1056, 0.2647, 0.3128

Square

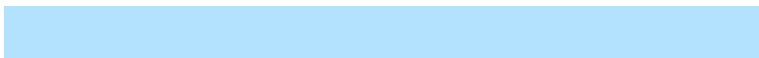
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1056, 0.3626, 0.3616



71.1056, 0.2984, 0.3601



71.1056, 0.2650, 0.2944



71.1056, 0.3258, 0.3006

Rectangle

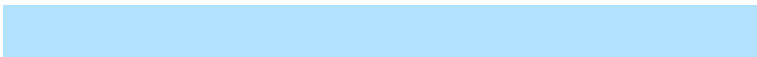
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1056, 0.3626, 0.3616



71.1056, 0.3330, 0.3754



71.1056, 0.2650, 0.2944



71.1056, 0.2912, 0.2864

Sweetspot

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



71.1089, 0.3626, 0.3616



91.9607, 0.3257, 0.3382



58.7086, 0.3396, 0.2908



19.3725, 0.3283, 0.3400



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.



71.1089, 0.3626, 0.3616



70.9615, 0.3744, 0.3682



89.2060, 0.3543, 0.3933



18.5490, 0.3282, 0.3400



17.6494, 0.5518, 0.4000



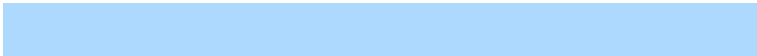
1.8443, 0.5320, 0.4158

Inverse Universe

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



66.9276, 0.2700, 0.2940



65.8986, 0.2616, 0.2861



51.6394, 0.2662, 0.2554



18.1877, 0.2980, 0.3177



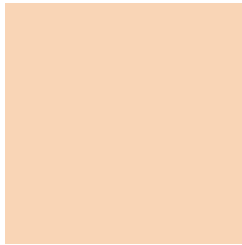
13.0417, 0.1806, 0.1702



1.4201, 0.1863, 0.1906

Previews

White Background



This preview shows how the Yxy color 71.1056, 0.3626, 0.3616 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 71.1056, 0.3626, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

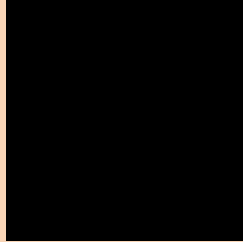
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1056, 0.3626, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 71.1056, 0.3626, 0.3616.

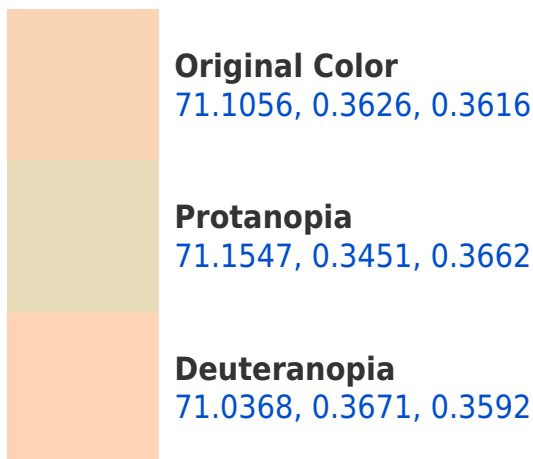


This preview shows how white text looks on a background with the Yxy color 71.1056, 0.3626, 0.3616.

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

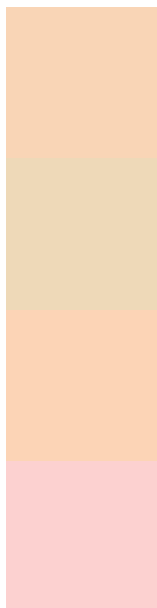




Tritanopia

71.0242, 0.3370, 0.3129

Trichromacy



Original Color

71.1056, 0.3626, 0.3616

Protanomaly

71.2635, 0.3516, 0.3646

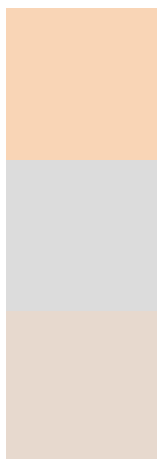
Deuteranomaly

71.1598, 0.3653, 0.3603

Tritanomaly

70.8504, 0.3463, 0.3301

Monochromacy



Original Color

71.1056, 0.3626, 0.3616

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.0709, 0.3306, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1056, 0.3626, 0.3616 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(249, 213, 182)` looks like.

```
.text, #text, p{  
    color:rgb(249, 213, 182)  
}
```

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(249, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 213, 182) }
```

Border

The CSS property to change the border of an element to Yxy 71.1056, 0.3626, 0.3616 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(249, 213, 182) }
```

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

```
.border{ border-color:rgb(249, 213, 182) }
```

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

Here you see how a box with a 4 pixel rgb(249, 213, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 213, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 213, 182);  
box-shadow:4px 4px 4px 4px rgb(249, 213,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1056, 0.3626, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 213, 182) }
```

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

```
.background{ background-color: rgb(249,  
213, 182) }
```

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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