

Converting Colors

Yxy(67.6843, 0.3626, 0.3611)

Have a look what the booklet for
Yxy(67.6843, 0.3626, 0.3611)
contains.

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Color

Yxy(67.5592, 0.3630, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	F4D0B2
RGB	244, 208, 178
RGB Percent	96%, 82%, 70%
CMY	0.0432, 0.1843, 0.3019
CMYK	0.00, 0.15, 0.27, 0.04
HSL	27°, 75%, 83%
HSV	27°, 27%, 96%
XYZ	67.8959, 67.5592, 51.5859
YIQ	215.3440, 31.0860, -1.6980

Conversions

Conversions Part 2

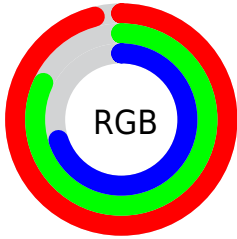
Format	Color
RYB	244, 233, 178
Decimal	16044210
CIELab	85.79, 8.23, 19.58
CIELCh	86, 21.238, 67.194
Yxy	67.5592, 0.3630, 0.3612
Android (android.graphics.Color)	4294234290 (0xFFFF4D0B2)
YUV	215.3440, -18.4106, 25.1313
Hunter-Lab	82.1944, 3.6080, 20.3252

Details

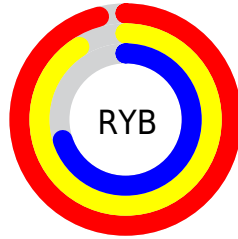
The Yxy color **67.5592, 0.3630, 0.3612** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.0798, 0.2698, 0.2944**, and the grayscale version is **68.3129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **35.1567, 0.3755, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **60.4502, 0.3867, 0.3737**, and if you desaturate by 10%, it is **75.3928, 0.3422, 0.3488**.

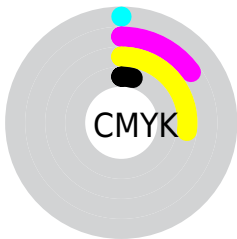
Distribution



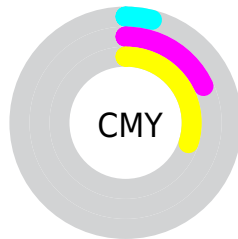
- Red (96%)
- Green (82%)
- Blue (70%)



- Red (96%)
- Yellow (91%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5592, 0.3630, 0.3612 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 67.5592, 0.3630, 0.3612 by changing the saturation by 10% instead.


 67.5592, 0.3630,
0.3612

 67.5592, 0.3630,
0.3612


451.9327, 0.3393,
0.3465

 49.5392, 0.3685,
0.3645


 115.7213, 0.3547,
0.3562

 35.0474, 0.3753,
0.3685


146.6322, 0.3515,
0.3542

 23.6994, 0.3840,
0.3734


182.6089, 0.3487,
0.3525

 15.1108, 0.3954,
0.3797

224.0358, 0.3464,
0.3510

 8.8972, 0.4110,
0.3879

271.2972, 0.3443,
0.3497

 4.6742, 0.4335,
0.3988

324.7775, 0.3424,

 2.0574, 0.4734,

0.3485

0.4181

384.8612, 0.3408,
0.3475

0.6405, 0.5583,
0.4417

0.0000, 0.0000,
0.0000

67.5592, 0.3630,
0.3612

67.5592, 0.3630,
0.3612

60.4502, 0.3867,
0.3737

75.3928, 0.3422,
0.3488

54.0340, 0.4130,
0.3856

83.9630, 0.3240,
0.3369

48.2898, 0.4417,
0.3960

93.2934, 0.3083,
0.3258

43.1920, 0.4716,
0.4037

97.9698, 0.3060,
0.3290

■ 38.7128, 0.5010,
0.4074

■ 34.8217, 0.5280,
0.4059

■ 31.4829, 0.5506,
0.3988

■ 30.5890, 0.5567,
0.3962

Harmonies

Analogous

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



67.5592, 0.3632, 0.3411



67.5592, 0.3630, 0.3612



67.5592, 0.3489, 0.3738

Triad

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



67.5592, 0.3630, 0.3612



67.5592, 0.2771, 0.3379



67.5592, 0.2985, 0.2881

Complementary

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



67.5592, 0.3630, 0.3612



64.0798, 0.2698, 0.2944

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.



67.5592, 0.2767, 0.2859



67.5592, 0.3630, 0.3612



67.5592, 0.2648, 0.3134

Square

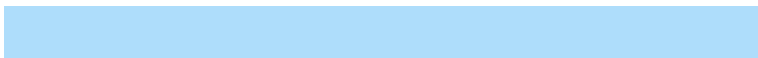
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5592, 0.3630, 0.3612



67.5592, 0.2991, 0.3608



67.5592, 0.2646, 0.2947



67.5592, 0.3251, 0.3000

Rectangle

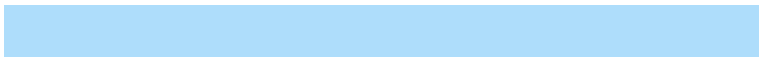
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5592, 0.3630, 0.3612



67.5592, 0.3338, 0.3756



67.5592, 0.2646, 0.2947



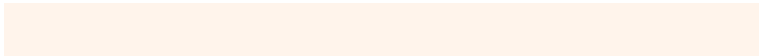
67.5592, 0.2904, 0.2862

Sweetspot

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



67.5623, 0.3630, 0.3612



91.8626, 0.3257, 0.3381



55.9449, 0.3397, 0.2906



19.3478, 0.3283, 0.3398



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.



67.5623, 0.3630, 0.3612



70.6377, 0.3746, 0.3675



85.1677, 0.3545, 0.3936



17.7239, 0.3282, 0.3398



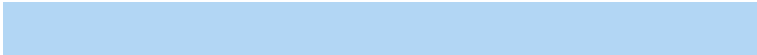
16.9008, 0.5540, 0.3983



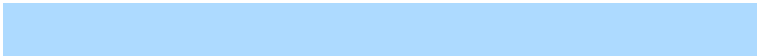
1.6881, 0.5329, 0.4151

Inverse Universe

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



64.0798, 0.2698, 0.2944



66.2361, 0.2617, 0.2869



49.1704, 0.2659, 0.2550



17.4242, 0.2980, 0.3180



12.9553, 0.1814, 0.1731



1.3440, 0.1873, 0.1942

Previews

White Background



This preview shows how the Yxy color 67.5592, 0.3630, 0.3612 looks on a white background.

Color Contrast Check

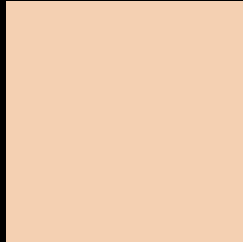
Large Text (above 18pt) WCAG AA × Fail

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 67.5592, 0.3630, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

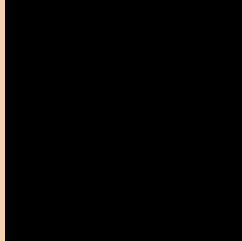
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.5592, 0.3630, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 67.5592, 0.3630, 0.3612.

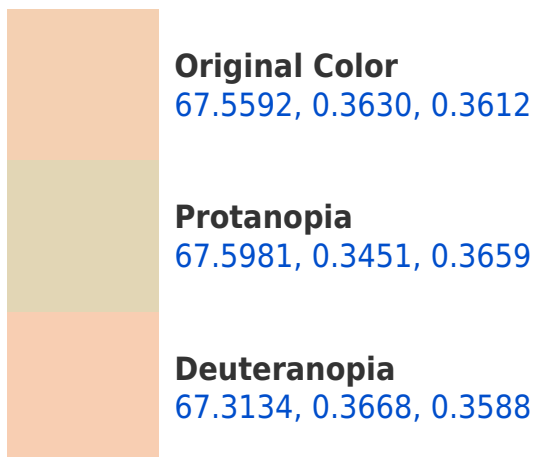


This preview shows how white text looks on a background with the Yxy color 67.5592, 0.3630, 0.3612.

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

67.4428, 0.3376, 0.3125

Trichromacy



Original Color

67.5592, 0.3630, 0.3612

Protanomaly

67.7059, 0.3517, 0.3642

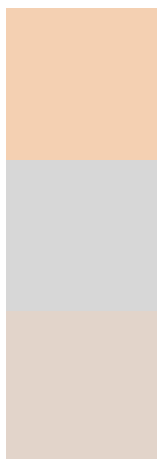
Deuteranomaly

67.6142, 0.3657, 0.3599

Tritanomaly

67.2717, 0.3471, 0.3302

Monochromacy



Original Color

67.5592, 0.3630, 0.3612

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5200, 0.3302, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5592, 0.3630, 0.3612 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(244, 208, 178)` looks like.

```
.text, #text, p{  
    color:rgb(244, 208, 178)  
}
```

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(244, 208, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 178) }
```

Border

The CSS property to change the border of an element to Yxy 67.5592, 0.3630, 0.3612 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(244, 208, 178) }
```

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

```
.border{ border-color:rgb(244, 208, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 208, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 178);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5592, 0.3630, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 178) }
```

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

```
.background{ background-color: rgb(244,  
208, 178) }
```

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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