

Converting Colors

$Yxy(68.6735, 0.3486, 0.3452)$

Have a look what the booklet for
Yxy(68.6735, 0.3486, 0.3452)
contains.

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Color

Yxy(68.8655, 0.3489, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	F2D2C2
RGB	242, 210, 194
RGB Percent	95%, 82%, 76%
CMY	0.0509, 0.1765, 0.2394
CMYK	0.00, 0.13, 0.20, 0.05
HSL	20°, 65%, 85%
HSV	20°, 20%, 95%
XYZ	69.4026, 68.8655, 60.6502
YIQ	217.7440, 24.2080, 1.8080

Conversions

Conversions Part 2

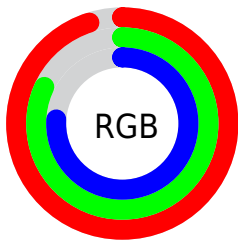
Format	Color
R _Y B	242, 218, 194
Decimal	15913666
CIE Lab	86.44, 8.70, 12.06
CIE LCh	86, 14.871, 54.174
Yxy	68.8655, 0.3489, 0.3462
Android (android.graphics.Color)	4294103746 (0xFFFF2D2C2)
YUV	217.7440, -11.7058, 21.2725
Hunter-Lab	82.9852, 4.0597, 14.7573

Details

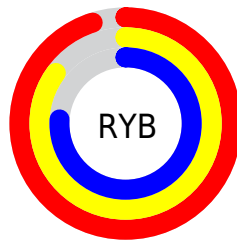
The Yxy color **68.8655, 0.3489, 0.3462** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2549, 0.2819, 0.3111**, and the grayscale version is **69.9964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **35.9847, 0.3576, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **60.3042, 0.3721, 0.3555**, and if you desaturate by 10%, it is **78.4121, 0.3292, 0.3373**.

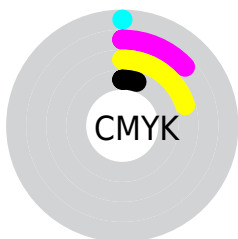
Distribution



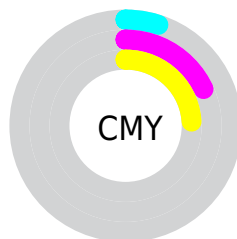
- Red (95%)
- Green (82%)
- Blue (76%)



- Red (95%)
- Yellow (85%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8655, 0.3489, 0.3462 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 68.8655, 0.3489, 0.3462 by changing the saturation by 10% instead.


 68.8655, 0.3489,
0.3462

 68.8655, 0.3489,
0.3462


456.5565, 0.3319,
0.3384

 50.6022, 0.3529,
0.3479

 117.5894, 0.3429,
0.3435

 35.8921, 0.3578,
0.3501

148.8189, 0.3406,
0.3425

 24.3509, 0.3641,
0.3527


185.1391, 0.3387,
0.3416

 15.5941, 0.3724,
0.3561

226.9346, 0.3369,
0.3408

 9.2374, 0.3839,
0.3606

274.5896, 0.3354,
0.3401

 4.8963, 0.4007,
0.3667

328.4887, 0.3341,

 2.1866, 0.4275,

0.3395

0.3753

389.0162, 0.3329,
0.3389

0.7127, 0.5555,
0.4445

0.0000, 0.0000,
0.0000

68.8655, 0.3489,
0.3462

68.8655, 0.3489,
0.3462

60.3042, 0.3721,
0.3555

78.4121, 0.3292,
0.3373

52.6868, 0.3990,
0.3647

88.9654, 0.3125,
0.3289

45.9822, 0.4297,
0.3732

97.6201, 0.3048,
0.3290

40.1544, 0.4637,
0.3800

■ 35.1645, 0.4994,
0.3840

■ 30.9703, 0.5344,
0.3839

■ 27.5250, 0.5655,
0.3789

■ 24.7694, 0.5902,
0.3694

■ 24.7341, 0.5905,
0.3693

Harmonies

Analogous

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



68.8655, 0.3445, 0.3310



68.8655, 0.3489, 0.3462



68.8655, 0.3432, 0.3574

Triad

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



68.8655, 0.3489, 0.3462



68.8655, 0.2939, 0.3426



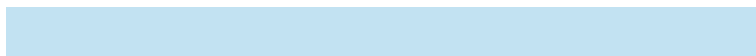
68.8655, 0.2956, 0.2985

Complementary

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



68.8655, 0.3489, 0.3462



72.2549, 0.2819, 0.3111

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.



68.8655, 0.2828, 0.3006



68.8655, 0.3489, 0.3462



68.8655, 0.2818, 0.3256

Square

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



68.8655, 0.3489, 0.3462



68.8655, 0.3112, 0.3558



68.8655, 0.2778, 0.3103



68.8655, 0.3134, 0.3041

Rectangle

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



68.8655, 0.3489, 0.3462



68.8655, 0.3347, 0.3609



68.8655, 0.2778, 0.3103



68.8655, 0.2906, 0.2983

Sweetspot

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



68.8686, 0.3489, 0.3462



92.7219, 0.3224, 0.3340



62.9377, 0.3269, 0.2955



19.6821, 0.3236, 0.3345



0.0000, 0.0000, 0.0000



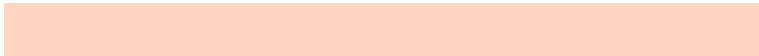
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8686, 0.3489, 0.3462



73.3559, 0.3582, 0.3501



81.6232, 0.3442, 0.3707



16.6210, 0.3285, 0.3369



13.5097, 0.5875, 0.3717



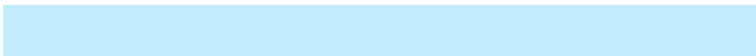
1.3002, 0.5621, 0.3919

Inverse Universe

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



72.2549, 0.2819, 0.3111



77.8334, 0.2753, 0.3069



60.1036, 0.2801, 0.2835



16.9881, 0.2980, 0.3209



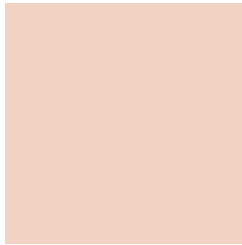
17.4390, 0.1934, 0.2160



1.6329, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 68.8655, 0.3489, 0.3462 looks on a white background.

Color Contrast Check

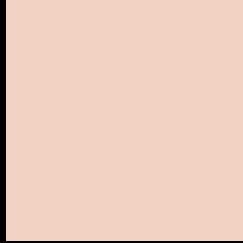
Large Text (above 18pt) WCAG AA × Fail

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 68.8655, 0.3489, 0.3462 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 68.8655, 0.3489, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 68.8655, 0.3489, 0.3462.

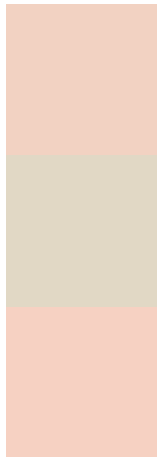


This preview shows how white text looks on a background with the Yxy color 68.8655, 0.3489, 0.3462.

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

68.8655, 0.3489, 0.3462

Protanopia

69.1505, 0.3325, 0.3501

Deuteranopia

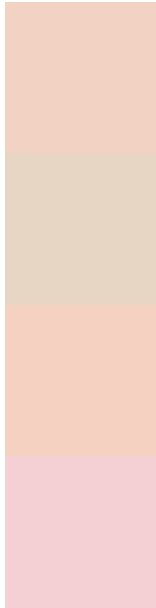
69.0888, 0.3522, 0.3449



Tritanopia

68.8290, 0.3310, 0.3124

Trichromacy



Original Color

68.8655, 0.3489, 0.3462

Protanomaly

69.0676, 0.3381, 0.3487

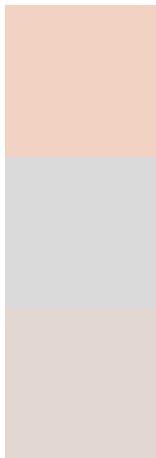
Deuteranomaly

68.9084, 0.3514, 0.3450

Tritanomaly

68.6122, 0.3375, 0.3238

Monochromacy



Original Color

68.8655, 0.3489, 0.3462

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.5352, 0.3257, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8655, 0.3489, 0.3462 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(242, 210, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 194)  
}
```

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(242, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 194) }
```

Border

The CSS property to change the border of an element to Yxy 68.8655, 0.3489, 0.3462 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(242, 210, 194) }
```

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

```
.border{ border-color:rgb(242, 210, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 210, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8655, 0.3489, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 210, 194) }
```

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

```
.background{ background-color: rgb(242,  
210, 194) }
```

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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