

Converting Colors

$Yxy(68.0615, 0.3501, 0.3440)$

Have a look what the booklet for
Yxy(68.0615, 0.3501, 0.3440)
contains.

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Color

Yxy(68.0615, 0.3501, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	F3D0C2
RGB	243, 208, 194
RGB Percent	95%, 82%, 76%
CMY	0.0469, 0.1844, 0.2392
CMYK	0.00, 0.14, 0.20, 0.05
HSL	17°, 67%, 86%
HSV	17°, 20%, 95%
XYZ	69.2684, 68.0615, 60.5233
YIQ	216.8690, 25.3540, 3.0660

Conversions

Conversions Part 2

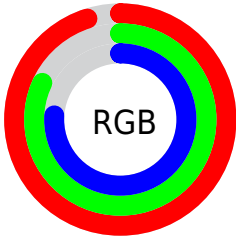
Format	Color
R _Y B	243, 214, 194
Decimal	15978690
CIE Lab	86.04, 10.14, 11.48
CIE LCh	86, 15.318, 48.554
Yxy	68.0615, 0.3501, 0.3440
Android (android.graphics.Color)	4294168770 (0xFFFF3D0C2)
YUV	216.8690, -11.2744, 22.9169
Hunter-Lab	82.4994, 5.4988, 14.2532

Details

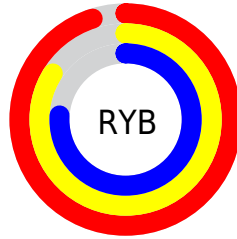
The Yxy color **68.0615, 0.3501, 0.3440** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0163, 0.2815, 0.3135**, and the grayscale version is **69.3641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **35.4438, 0.3592, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **59.0480, 0.3740, 0.3520**, and if you desaturate by 10%, it is **78.1877, 0.3299, 0.3363**.

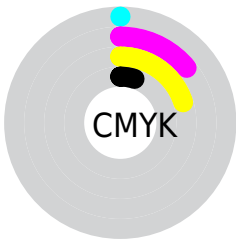
Distribution



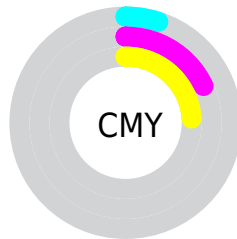
- Red (95%)
- Green (82%)
- Blue (76%)



- Red (95%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (5%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0615, 0.3501, 0.3440 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 68.0615, 0.3501, 0.3440 by changing the saturation by 10% instead.


 68.0615, 0.3501,
0.3440

 68.0615, 0.3501,
0.3440


453.7139, 0.3325,
0.3372

 49.9478, 0.3542,
0.3455

 116.4401, 0.3439,
0.3417

 35.3719, 0.3593,
0.3473


147.4738, 0.3415,
0.3408

 23.9495, 0.3659,
0.3496


183.5829, 0.3395,
0.3400

 15.2962, 0.3746,
0.3525

225.1519, 0.3377,
0.3393

 9.0275, 0.3866,
0.3562

272.5650, 0.3361,
0.3387

 4.7591, 0.4043,
0.3613

326.2068, 0.3348,

 2.1066, 0.4327,

0.3382

0.3681

386.4617, 0.3336,
0.3377

0.6684, 0.5693,
0.4307

0.0000, 0.0000,
0.0000

68.0615, 0.3501,
0.3440

68.0615, 0.3501,
0.3440

59.0480, 0.3740,
0.3520

78.1877, 0.3299,
0.3363

51.0997, 0.4022,
0.3598

89.4539, 0.3130,
0.3291

44.1787, 0.4345,
0.3670

97.8039, 0.3054,
0.3290

38.2416, 0.4705,
0.3727

■ 33.2418, 0.5086,
0.3756

■ 29.1282, 0.5457,
0.3745

■ 25.8445, 0.5781,
0.3689

■ 23.3591, 0.6026,
0.3597

Harmonies

Analogous

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



68.0615, 0.3437, 0.3280



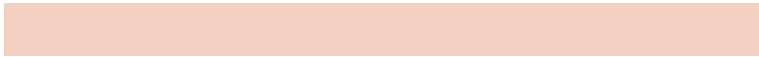
68.0615, 0.3501, 0.3440



68.0615, 0.3461, 0.3567

Triad

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



68.0615, 0.3501, 0.3440



68.0615, 0.2964, 0.3460



68.0615, 0.2921, 0.2973

Complementary

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



68.0615, 0.3501, 0.3440



74.0163, 0.2815, 0.3135

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.



68.0615, 0.2801, 0.3009



68.0615, 0.3501, 0.3440



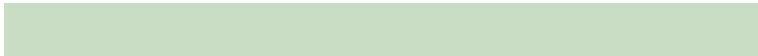
68.0615, 0.2826, 0.3288

Square

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



68.0615, 0.3501, 0.3440



68.0615, 0.3148, 0.3585



68.0615, 0.2767, 0.3123



68.0615, 0.3098, 0.3017

Rectangle

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



68.0615, 0.3501, 0.3440



68.0615, 0.3382, 0.3614



68.0615, 0.2767, 0.3123



68.0615, 0.2873, 0.2976

Sweetspot

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



68.0646, 0.3501, 0.3440



92.2730, 0.3225, 0.3333



63.3123, 0.3253, 0.2924



19.5762, 0.3236, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

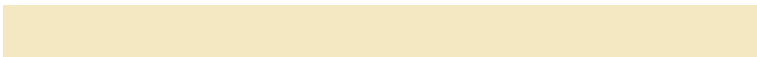
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0646, 0.3501, 0.3440



71.8607, 0.3589, 0.3471



80.9107, 0.3452, 0.3690



17.2521, 0.3287, 0.3358



13.0121, 0.5998, 0.3619



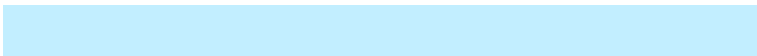
1.3116, 0.5754, 0.3813

Inverse Universe

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



74.0163, 0.2815, 0.3135



79.5482, 0.2756, 0.3102



61.4274, 0.2797, 0.2855



17.9124, 0.2980, 0.3221



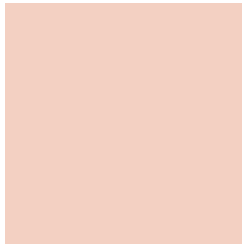
20.3436, 0.1982, 0.2334



1.9627, 0.2019, 0.2468

Previews

White Background



This preview shows how the Yxy color 68.0615, 0.3501, 0.3440 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 68.0615, 0.3501, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

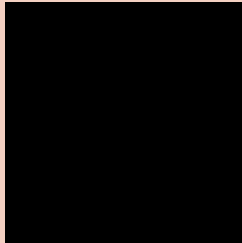
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

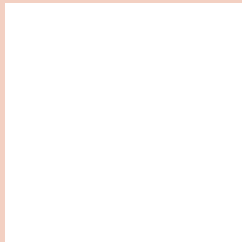
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0615, 0.3501, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 68.0615, 0.3501, 0.3440.

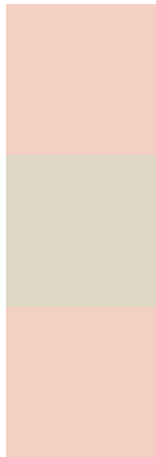


This preview shows how white text looks on a background with the Yxy color 68.0615, 0.3501, 0.3440.

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

68.0615, 0.3501, 0.3440

Protanopia

68.3201, 0.3311, 0.3491

Deuteranopia

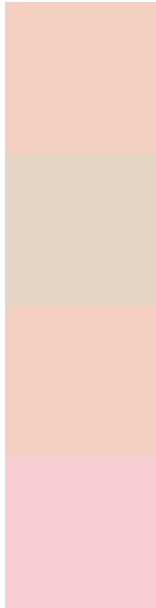
68.2399, 0.3508, 0.3440



Tritanopia

67.9459, 0.3335, 0.3124

Trichromacy



Original Color

68.0615, 0.3501, 0.3440

Protanomaly

67.8955, 0.3377, 0.3466

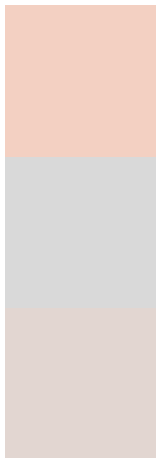
Deuteranomaly

68.2399, 0.3508, 0.3440

Tritanomaly

67.7783, 0.3393, 0.3228

Monochromacy



Original Color

68.0615, 0.3501, 0.3440

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.8653, 0.3251, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0615, 0.3501, 0.3440 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(243, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(243, 208, 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(243, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 208, 194) }
```

Border

The CSS property to change the border of an element to Yxy 68.0615, 0.3501, 0.3440 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(243, 208, 194) }
```

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

```
.border{ border-color:rgb(243, 208, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 208, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 208, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 208, 194); box-shadow:4px 4px 4px 4px rgb(243, 208, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0615, 0.3501, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 208, 194) }
```

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

```
.background{ background-color: rgb(243,  
208, 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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