

Converting Colors

$Y_{xy}(70.0231, 0.3487, 0.3487)$

Have a look what the booklet for
Yxy(70.0231, 0.3487, 0.3487)
contains.

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Color

Yxy(69.8593, 0.3485, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	F2D4C2
RGB	242, 212, 194
RGB Percent	95%, 83%, 76%
CMY	0.0509, 0.1686, 0.2394
CMYK	0.00, 0.12, 0.20, 0.05
HSL	23°, 65%, 85%
HSV	23°, 20%, 95%
XYZ	69.8994, 69.8593, 60.8135
YIQ	218.9180, 23.6580, 0.7620

Conversions

Conversions Part 2

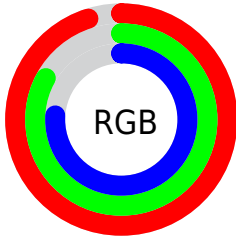
Format	Color
R _Y B	242, 223, 194
Decimal	15914178
CIE Lab	86.93, 7.66, 12.76
CIE LCh	87, 14.880, 59.005
Yxy	69.8593, 0.3485, 0.3483
Android (android.graphics.Color)	4294104258 (0xFFFF2D4C2)
YUV	218.9180, -12.2846, 20.2429
Hunter-Lab	83.5819, 3.0110, 15.3684

Details

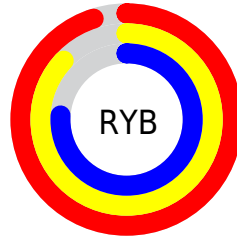
The Yxy color **69.8593, 0.3485, 0.3483** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1717, 0.2817, 0.3089**, and the grayscale version is **70.8543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **36.3217, 0.3573, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **61.6559, 0.3711, 0.3587**, and if you desaturate by 10%, it is **78.9535, 0.3291, 0.3383**.

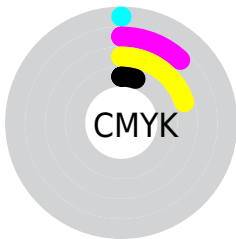
Distribution



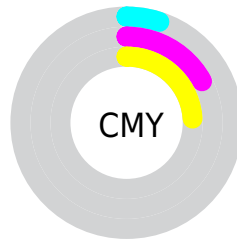
- Red (95%)
- Green (83%)
- Blue (76%)



- Red (95%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8593, 0.3485, 0.3483 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 69.8593, 0.3485, 0.3483 by changing the saturation by 10% instead.


 69.8593, 0.3485,
0.3483

 69.8593, 0.3485,
0.3483


460.0558, 0.3317,
0.3395

 51.4118, 0.3524,
0.3503

 119.0081, 0.3426,
0.3453

 36.5365, 0.3572,
0.3527


150.4782, 0.3404,
0.3441

 24.8488, 0.3634,
0.3557


187.0580, 0.3384,
0.3431

 15.9644, 0.3715,
0.3595

229.1318, 0.3367,
0.3422

 9.4990, 0.3827,
0.3646

277.0842, 0.3352,
0.3414

 5.0681, 0.3990,
0.3716

331.2993, 0.3339,

 2.2873, 0.4247,

0.3407

0.3816

392.1618, 0.3328,
0.3401

0.7670, 0.5449,
0.4551

0.0000, 0.0000,
0.0000

69.8593, 0.3485,
0.3483

69.8593, 0.3485,
0.3483

61.6559, 0.3711,
0.3587

78.9535, 0.3291,
0.3383

54.3059, 0.3972,
0.3690

88.9556, 0.3125,
0.3289

47.7830, 0.4267,
0.3786

97.6203, 0.3048,
0.3290

42.0560, 0.4589,
0.3864

■ 37.0912, 0.4926,
0.3914

■ 32.8523, 0.5257,
0.3920

■ 29.2989, 0.5551,
0.3875

■ 26.3787, 0.5790,
0.3783

■ 26.3412, 0.5794,
0.3782

Harmonies

Analogous

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



69.8593, 0.3458, 0.3336



69.8593, 0.3485, 0.3483



69.8593, 0.3413, 0.3585

Triad

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



69.8593, 0.3485, 0.3483



69.8593, 0.2916, 0.3399



69.8593, 0.2983, 0.2990

Complementary

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



69.8593, 0.3485, 0.3483



71.1717, 0.2817, 0.3089

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.



69.8593, 0.2845, 0.2998



69.8593, 0.3485, 0.3483



69.8593, 0.2807, 0.3230

Square

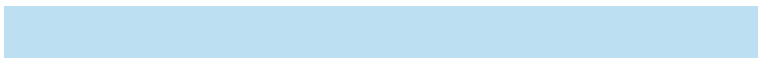
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8593, 0.3485, 0.3483



69.8593, 0.3083, 0.3540



69.8593, 0.2782, 0.3084



69.8593, 0.3164, 0.3057

Rectangle

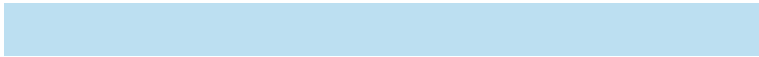
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8593, 0.3485, 0.3483



69.8593, 0.3321, 0.3611



69.8593, 0.2782, 0.3084



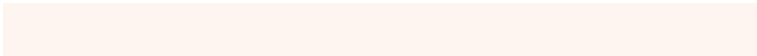
69.8593, 0.2930, 0.2984

Sweetspot

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



69.8625, 0.3485, 0.3483



93.1079, 0.3224, 0.3346



62.8486, 0.3281, 0.2971



19.7732, 0.3235, 0.3352



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.



69.8625, 0.3485, 0.3483



74.6585, 0.3576, 0.3526



82.5397, 0.3439, 0.3723



16.7313, 0.3284, 0.3379



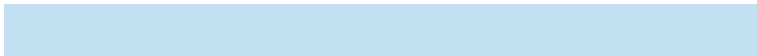
14.3899, 0.5764, 0.3805



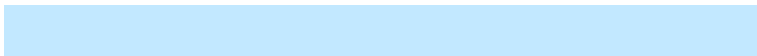
1.3824, 0.5517, 0.4002

Inverse Universe

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



71.1717, 0.2817, 0.3089



76.3873, 0.2751, 0.3041



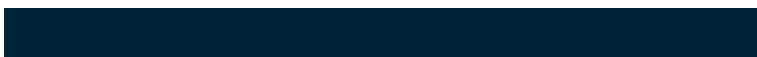
59.3540, 0.2800, 0.2817



16.8735, 0.2980, 0.3199



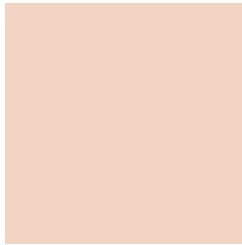
15.6279, 0.1892, 0.2011



1.4906, 0.1944, 0.2198

Previews

White Background



This preview shows how the Yxy color 69.8593, 0.3485, 0.3483 looks on a white background.

Color Contrast Check

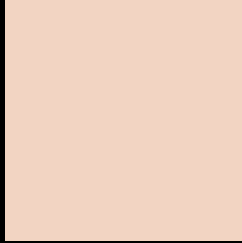
Large Text (above 18pt) WCAG AA × Fail

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 69.8593, 0.3485, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

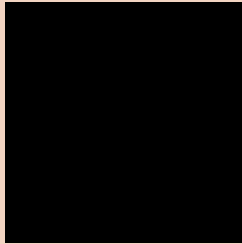
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.8593, 0.3485, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 69.8593, 0.3485, 0.3483.

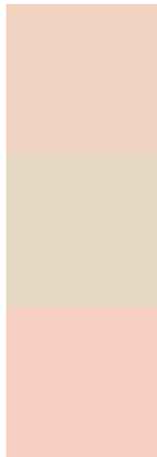


This preview shows how white text looks on a background with the Yxy color 69.8593, 0.3485, 0.3483.

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

69.8593, 0.3485, 0.3483

Protanopia

69.9878, 0.3339, 0.3510

Deuteranopia

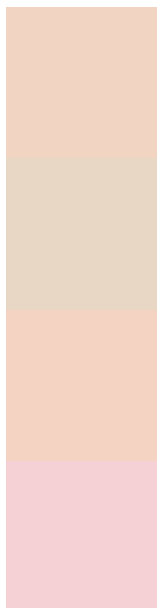
69.7624, 0.3528, 0.3459



Tritanopia

70.0864, 0.3301, 0.3125

Trichromacy



Original Color

69.8593, 0.3485, 0.3483

Protanomaly

69.7422, 0.3387, 0.3497

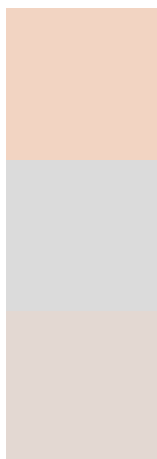
Deuteranomaly

69.8961, 0.3510, 0.3471

Tritanomaly

69.8175, 0.3372, 0.3249

Monochromacy



Original Color

69.8593, 0.3485, 0.3483

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0958, 0.3249, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8593, 0.3485, 0.3483 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, 212, 194)` looks like.

```
.text, #text, p{  
  color:rgb(242, 212, 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, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 194) }
```

Border

The CSS property to change the border of an element to Yxy 69.8593, 0.3485, 0.3483 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, 212, 194) }
```

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

```
.border{ border-color:rgb(242, 212, 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, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8593, 0.3485, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 194) }
```

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

```
.background{ background-color: rgb(242,  
212, 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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