

Converting Colors

$Yxy(69.5833, 0.3487, 0.3461)$

Have a look what the booklet for
Yxy(69.5833, 0.3487, 0.3461)
contains.

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Color

Yxy(69.5833, 0.3487, 0.3461)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F3D3C3 |
| RGB | 243, 211, 195 |
| RGB Percent | 95%, 83%, 76% |
| CMY | 0.0471, 0.1725, 0.2353 |
| CMYK | 0.00, 0.13, 0.20, 0.05 |
| HSL | 20°, 67%, 86% |
| HSV | 20°, 20%, 95% |
| XYZ | 70.1060, 69.5833, 61.3604 |
| YIQ | 218.7440, 24.2080, 1.8080 |

Conversions

Conversions Part 2

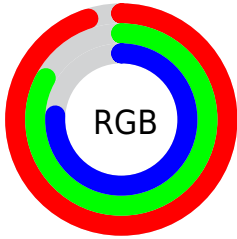
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 243, 219, 195 |
| Decimal | 15979459 |
| CIE Lab | 86.79, 8.69, 12.03 |
| CIE LCh | 87, 14.841, 54.149 |
| Yxy | 69.5833, 0.3487, 0.3461 |
| Android (android.graphics.Color) | 4294169539 (0xFFFF3D3C3) |
| YUV | 218.7440, -11.7058, 21.2725 |
| Hunter-Lab | 83.4166, 4.0381, 14.7785 |

Details

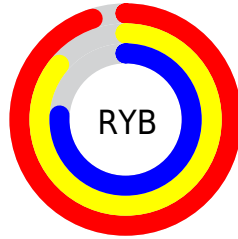
The Yxy color **69.5833, 0.3487, 0.3461** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0034, 0.2820, 0.3112**, and the grayscale version is **70.7233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **36.1391, 0.3576, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **60.9295, 0.3718, 0.3554**, and if you desaturate by 10%, it is **79.2330, 0.3290, 0.3372**.

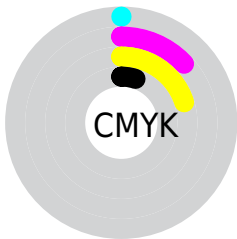
Distribution



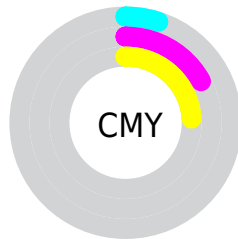
- Red (95%)
- Green (83%)
- Blue (76%)



- Red (95%)
- Yellow (86%)
- Blue (76%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5833, 0.3487, 0.3461 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 69.5833, 0.3487, 0.3461 by changing the saturation by 10% instead.

 69.5833, 0.3487,
0.3461

 69.5833, 0.3487,
0.3461


459.0855, 0.3318,
0.3384

 51.1869, 0.3526,
0.3478


118.6143, 0.3428,
0.3434

 36.3574, 0.3575,
0.3499


150.0177, 0.3405,
0.3424

 24.7103, 0.3637,
0.3526


186.5256, 0.3385,
0.3415

 15.8614, 0.3719,
0.3559

228.5223, 0.3368,
0.3407

 9.4261, 0.3832,
0.3603

276.3923, 0.3353,
0.3400

 5.0201, 0.3998,
0.3663

330.5198, 0.3340,

 2.2591, 0.4261,

0.3394

0.3748

391.2895, 0.3328,
0.3389

0.7519, 0.5529,
0.4471

0.0000, 0.0000,
0.0000

69.5833, 0.3487,
0.3461

69.5833, 0.3487,
0.3461

60.9295, 0.3718,
0.3554

79.2330, 0.3290,
0.3372

53.2295, 0.3988,
0.3645

89.9000, 0.3123,
0.3288

46.4523, 0.4295,
0.3731

97.7949, 0.3054,
0.3290

40.5611, 0.4634,
0.3799

■ 35.5168, 0.4991,
0.3840

■ 31.2767, 0.5342,
0.3839

■ 27.7937, 0.5653,
0.3789

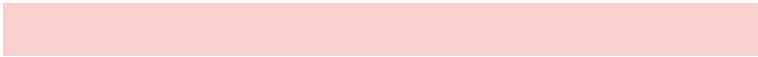
■ 25.0082, 0.5901,
0.3695

■ 24.9481, 0.5906,
0.3692

Harmonies

Analogous

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



69.5833, 0.3444, 0.3310



69.5833, 0.3487, 0.3461



69.5833, 0.3431, 0.3573

Triad

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



69.5833, 0.3487, 0.3461



69.5833, 0.2941, 0.3425



69.5833, 0.2957, 0.2987

Complementary

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



69.5833, 0.3487, 0.3461



73.0034, 0.2820, 0.3112

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.



69.5833, 0.2829, 0.3008



69.5833, 0.3487, 0.3461



69.5833, 0.2820, 0.3257

Square

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



69.5833, 0.3487, 0.3461



69.5833, 0.3113, 0.3557



69.5833, 0.2780, 0.3104



69.5833, 0.3134, 0.3042

Rectangle

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



69.5833, 0.3487, 0.3461



69.5833, 0.3345, 0.3608



69.5833, 0.2780, 0.3104



69.5833, 0.2907, 0.2985

Sweetspot

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



69.5864, 0.3487, 0.3461



92.7194, 0.3224, 0.3340



63.6277, 0.3268, 0.2956



19.6815, 0.3236, 0.3345



0.0000, 0.0000, 0.0000



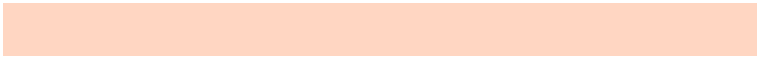
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5864, 0.3487, 0.3461



73.3476, 0.3582, 0.3501



82.4112, 0.3440, 0.3705



17.3856, 0.3285, 0.3370



13.9133, 0.5878, 0.3715



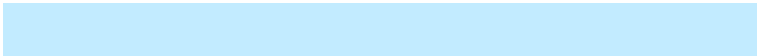
1.4042, 0.5636, 0.3907

Inverse Universe

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



73.0034, 0.2820, 0.3112



77.8427, 0.2753, 0.3069



60.7813, 0.2803, 0.2838



17.7720, 0.2980, 0.3209



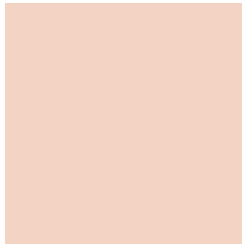
17.9812, 0.1934, 0.2160



1.7689, 0.1977, 0.2318

Previews

White Background



This preview shows how the Yxy color 69.5833, 0.3487, 0.3461 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 69.5833, 0.3487, 0.3461 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 69.5833, 0.3487, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 69.5833, 0.3487, 0.3461.

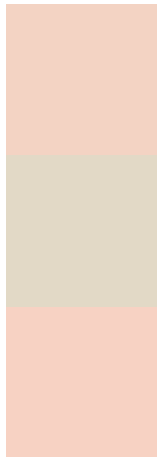


This preview shows how white text looks on a background with the Yxy color 69.5833, 0.3487, 0.3461.

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

69.5833, 0.3487, 0.3461

Protanopia

69.8717, 0.3324, 0.3500

Deuteranopia

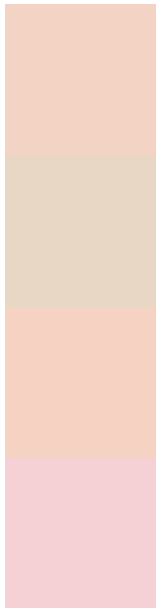
69.8075, 0.3520, 0.3449



Tritanopia

69.5462, 0.3309, 0.3125

Trichromacy



Original Color

69.5833, 0.3487, 0.3461

Protanomaly

69.7879, 0.3380, 0.3486

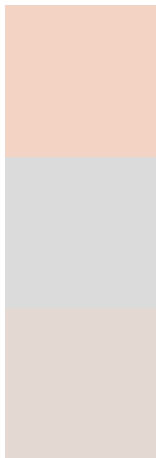
Deuteranomaly

69.6261, 0.3512, 0.3449

Tritanomaly

69.3283, 0.3374, 0.3238

Monochromacy



Original Color

69.5833, 0.3487, 0.3461

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2589, 0.3256, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5833, 0.3487, 0.3461 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, 211, 195)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 195)  
}
```

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, 211, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 195) }
```

Border

The CSS property to change the border of an element to Yxy 69.5833, 0.3487, 0.3461 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, 211, 195) }
```

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

```
.border{ border-color:rgb(243, 211, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 211, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 195);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5833, 0.3487, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 195) }
```

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

```
.background{ background-color: rgb(243,  
211, 195) }
```

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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