

Converting Colors

$Yxy(69.4099, 0.3465, 0.3406)$

Have a look what the booklet for
Yxy(69.4099, 0.3465, 0.3406)
contains.

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Color

Yxy(69.4498, 0.3467, 0.3407)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F4D2C7 |
| RGB | 244, 210, 199 |
| RGB Percent | 96%, 82%, 78% |
| CMY | 0.0430, 0.1765, 0.2195 |
| CMYK | 0.00, 0.14, 0.18, 0.04 |
| HSL | 15°, 67%, 87% |
| HSV | 15°, 18%, 96% |
| XYZ | 70.6729, 69.4498, 63.7218 |
| YIQ | 218.9120, 23.7950, 3.7870 |

Conversions

Conversions Part 2

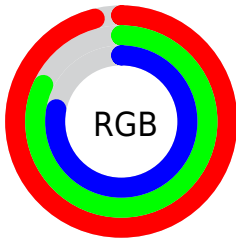
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 214, 199 |
| Decimal | 16044743 |
| CIELab | 86.73, 10.19, 9.82 |
| CIElCh | 87, 14.154, 43.951 |
| Yxy | 69.4498, 0.3467, 0.3407 |
| Android (android.graphics.Color) | 4294234823 (0xFFFF4D2C7) |
| YUV | 218.9120, -9.8166, 22.0022 |
| Hunter-Lab | 83.3365, 5.5365, 13.0006 |

Details

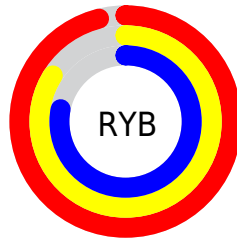
The Yxy color **69.4498, 0.3467, 0.3407** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9861, 0.2843, 0.3170**, and the grayscale version is **70.8356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3861, 0.3547, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **59.8168, 0.3705, 0.3475**, and if you desaturate by 10%, it is **80.3213, 0.3269, 0.3342**.

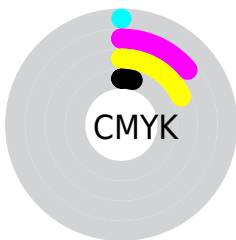
Distribution



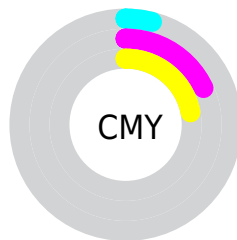
- Red (96%)
- Green (82%)
- Blue (78%)



- Red (96%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4498, 0.3467, 0.3407 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 69.4498, 0.3467, 0.3407 by changing the saturation by 10% instead.

 69.4498, 0.3467,
0.3407

 69.4498, 0.3467,
0.3407

458.6158, 0.3307,
0.3355

 51.0781, 0.3504,
0.3419


118.4238, 0.3411,
0.3389

 36.2708, 0.3550,
0.3433


149.7949, 0.3389,
0.3382

 24.6434, 0.3609,
0.3450


186.2679, 0.3371,
0.3376

 15.8116, 0.3687,
0.3472

228.2273, 0.3355,
0.3371

 9.3909, 0.3795,
0.3500

276.0573, 0.3341,
0.3366

 4.9970, 0.3953,
0.3539

330.1425, 0.3328,

 2.2455, 0.4207,

0.3362

0.3591

390.8672, 0.3317,
0.3358

0.7446, 0.5254,
0.4068

0.0000, 0.0000,
0.0000

69.4498, 0.3467,
0.3407

69.4498, 0.3467,
0.3407

59.8168, 0.3705,
0.3475

80.3213, 0.3269,
0.3342

51.3689, 0.3987,
0.3543

92.4640, 0.3103,
0.3281

44.0622, 0.4316,
0.3606

97.9787, 0.3060,
0.3290

37.8467, 0.4686,
0.3656

■ 32.6686, 0.5084,
0.3682

■ 28.4691, 0.5477,
0.3674

■ 25.1829, 0.5823,
0.3624

■ 22.7334, 0.6083,
0.3538

■ 22.4194, 0.6117,
0.3525

Harmonies

Analogous

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



69.4498, 0.3394, 0.3259



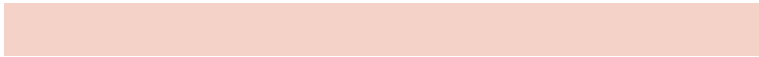
69.4498, 0.3467, 0.3407



69.4498, 0.3445, 0.3530

Triad

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



69.4498, 0.3467, 0.3407



69.4498, 0.3001, 0.3468



69.4498, 0.2916, 0.2999

Complementary

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



69.4498, 0.3467, 0.3407



76.9861, 0.2843, 0.3170

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.



69.4498, 0.2817, 0.3044



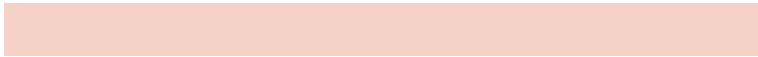
69.4498, 0.3467, 0.3407



69.4498, 0.2866, 0.3314

Square

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



69.4498, 0.3467, 0.3407



69.4498, 0.3173, 0.3571



69.4498, 0.2799, 0.3158



69.4498, 0.3073, 0.3028

Rectangle

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



69.4498, 0.3467, 0.3407



69.4498, 0.3381, 0.3581



69.4498, 0.2799, 0.3158



69.4498, 0.2875, 0.3005

Sweetspot

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



69.4529, 0.3467, 0.3407



91.8930, 0.3226, 0.3327



66.0062, 0.3224, 0.2934



19.4867, 0.3237, 0.3331



0.0000, 0.0000, 0.0000



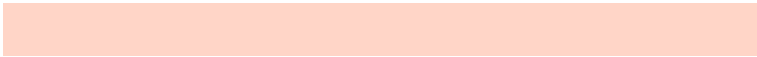
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4529, 0.3467, 0.3407



72.7567, 0.3548, 0.3431



81.0916, 0.3426, 0.3632



17.1387, 0.3288, 0.3348



12.3650, 0.6091, 0.3546



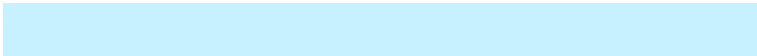
1.2414, 0.5851, 0.3736

Inverse Universe

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



76.9861, 0.2843, 0.3170



82.4482, 0.2789, 0.3144



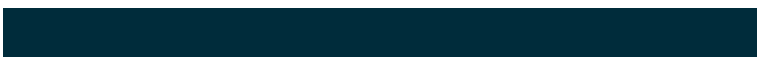
65.2763, 0.2829, 0.2923



18.0330, 0.2980, 0.3231



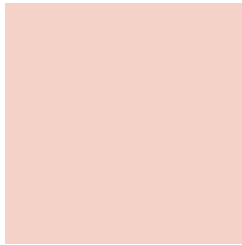
22.5291, 0.2023, 0.2481



2.1395, 0.2054, 0.2594

Previews

White Background



This preview shows how the Yxy color 69.4498, 0.3467, 0.3407 looks on a white background.

Color Contrast Check

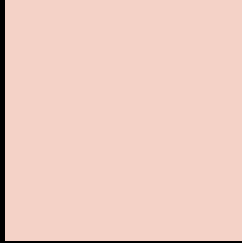
Large Text (above 18pt) WCAG AA × Fail

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 69.4498, 0.3467, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

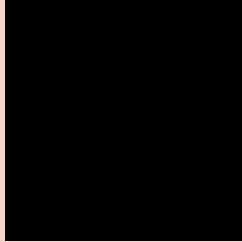
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4498, 0.3467, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 69.4498, 0.3467, 0.3407.

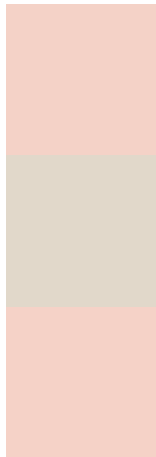


This preview shows how white text looks on a background with the Yxy color 69.4498, 0.3467, 0.3407.

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

69.4498, 0.3467, 0.3407

Protanopia

69.3836, 0.3290, 0.3445

Deuteranopia

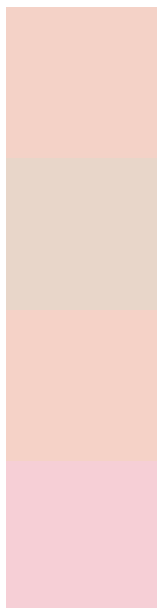
69.6292, 0.3475, 0.3407



Tritanopia

69.2445, 0.3318, 0.3115

Trichromacy



Original Color

69.4498, 0.3467, 0.3407

Protanomaly

69.4660, 0.3353, 0.3432

Deuteranomaly

69.6292, 0.3475, 0.3407

Tritanomaly

69.0735, 0.3375, 0.3218

Monochromacy



Original Color

69.4498, 0.3467, 0.3407

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.3592, 0.3242, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4498, 0.3467, 0.3407 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, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(244, 210, 199)  
}
```

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, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 210, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.4498, 0.3467, 0.3407 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, 210, 199) }
```

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

```
.border{ border-color:rgb(244, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(244, 210,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4498, 0.3467, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 210, 199) }
```

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

```
.background{ background-color: rgb(244,  
210, 199) }
```

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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