

Converting Colors

$Yxy(70.1665, 0.3560, 0.3579)$

Have a look what the booklet for
Yxy(70.1665, 0.3560, 0.3579)
contains.

| | |
|---|----|
| Yxy(70.3668, 0.3557, 0.3578) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(70.3668, 0.3557, 0.3578)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4D5BA |
| RGB | 244, 213, 186 |
| RGB Percent | 96%, 84%, 73% |
| CMY | 0.0433, 0.1646, 0.2706 |
| CMYK | 0.00, 0.13, 0.24, 0.04 |
| HSL | 28°, 72%, 84% |
| HSV | 28°, 24%, 96% |
| XYZ | 69.9538, 70.3668, 56.3446 |
| YIQ | 219.1910, 27.1430, -1.8250 |

Conversions

Conversions Part 2

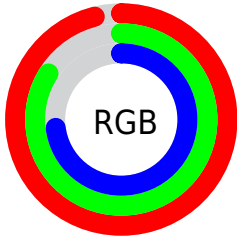
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 244, 237, 186 |
| Decimal | 16045498 |
| CIE _{Lab} | 87.18, 6.71, 17.32 |
| CIE _{LCh} | 87, 18.575, 68.831 |
| Yxy | 70.3668, 0.3557, 0.3578 |
| Android (android.graphics.Color) | 4294235578 (0xFFFF4D5BA) |
| YUV | 219.1910, -16.3632, 21.7575 |
| Hunter-Lab | 83.8849, 2.0571, 18.8950 |

Details

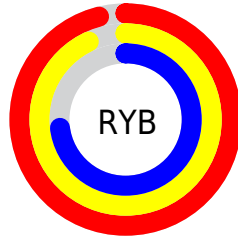
The Yxy color **70.3668, 0.3557, 0.3578** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5565, 0.2751, 0.2983**, and the grayscale version is **71.0783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.7120, 0.3659, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **63.1293, 0.3783, 0.3706**, and if you desaturate by 10%, it is **78.3137, 0.3359, 0.3453**.

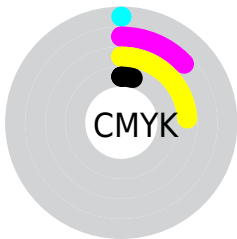
Distribution



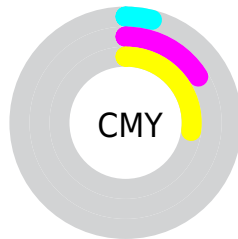
- Red (96%)
- Green (84%)
- Blue (73%)



- Red (96%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3668, 0.3557, 0.3578 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 70.3668, 0.3557, 0.3578 by changing the saturation by 10% instead.


 70.3668, 0.3557,
0.3578

 70.3668, 0.3557,
0.3578


461.8369, 0.3356,
0.3447

 51.8256, 0.3603,
0.3607


 119.7317, 0.3487,
0.3533

 36.8661, 0.3661,
0.3643


151.3242, 0.3460,
0.3515

 25.1038, 0.3734,
0.3688


188.0359, 0.3436,
0.3500

 16.1544, 0.3829,
0.3745

230.2513, 0.3416,
0.3487

 9.6335, 0.3960,
0.3821

278.3547, 0.3398,
0.3475

 5.1566, 0.4147,
0.3923

332.7304, 0.3382,

 2.3395, 0.4437,

0.3464

0.4068

393.7631, 0.3368,
0.3455

0.7945, 0.5369,
0.4631

0.0000, 0.0000,
0.0000

70.3668, 0.3557,
0.3578

70.3668, 0.3557,
0.3578

63.1293, 0.3783,
0.3706

78.3137, 0.3359,
0.3453

56.5704, 0.4035,
0.3831

86.9808, 0.3186,
0.3333

50.6707, 0.4311,
0.3944

96.1182, 0.3060,
0.3261

45.4062, 0.4602,
0.4034

97.9656, 0.3059,
0.3290

■ 40.7510, 0.4895,
0.4088

■ 36.6766, 0.5169,
0.4093

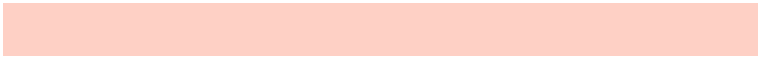
■ 33.1506, 0.5406,
0.4043

■ 31.2055, 0.5533,
0.3989

Harmonies

Analogous

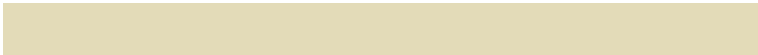
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3668, 0.3565, 0.3407



70.3668, 0.3557, 0.3578



70.3668, 0.3431, 0.3680

Triad

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



70.3668, 0.3557, 0.3578



70.3668, 0.2811, 0.3356



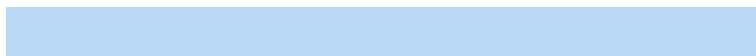
70.3668, 0.3018, 0.2938

Complementary

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



70.3668, 0.3557, 0.3578



66.5565, 0.2751, 0.2983

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.



70.3668, 0.2824, 0.2915



70.3668, 0.3557, 0.3578



70.3668, 0.2709, 0.3147

Square

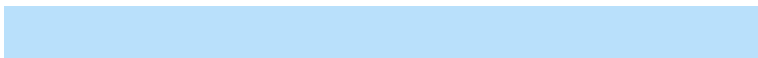
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3668, 0.3557, 0.3578



70.3668, 0.2998, 0.3554



70.3668, 0.2713, 0.2988



70.3668, 0.3247, 0.3046

Rectangle

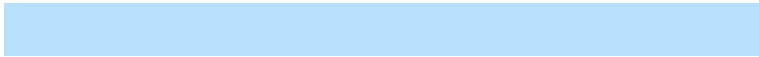
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3668, 0.3557, 0.3578



70.3668, 0.3299, 0.3689



70.3668, 0.2713, 0.2988



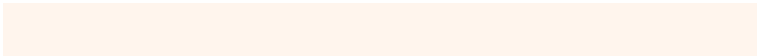
70.3668, 0.2946, 0.2920

Sweetspot

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



70.3700, 0.3557, 0.3578



92.9748, 0.3240, 0.3371



59.3957, 0.3357, 0.2954



19.7748, 0.3250, 0.3378



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.



70.3700, 0.3557, 0.3578



73.4708, 0.3673, 0.3646



85.7166, 0.3493, 0.3857



17.7564, 0.3282, 0.3401



17.2421, 0.5507, 0.4010



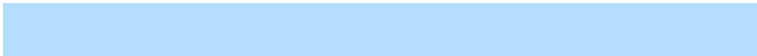
1.7191, 0.5300, 0.4174

Inverse Universe

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



66.5565, 0.2751, 0.2983



68.5082, 0.2664, 0.2904



53.3156, 0.2723, 0.2652



17.3914, 0.2980, 0.3177



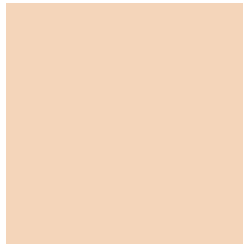
12.5415, 0.1803, 0.1691



1.3080, 0.1863, 0.1906

Previews

White Background



This preview shows how the Yxy color 70.3668, 0.3557, 0.3578 looks on a white background.

Color Contrast Check

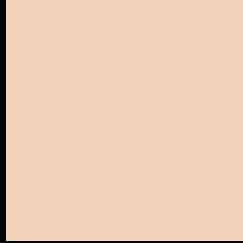
Large Text (above 18pt) WCAG AA × Fail

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 70.3668, 0.3557, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

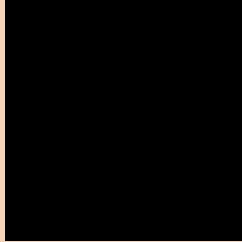
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3668, 0.3557, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 70.3668, 0.3557, 0.3578.

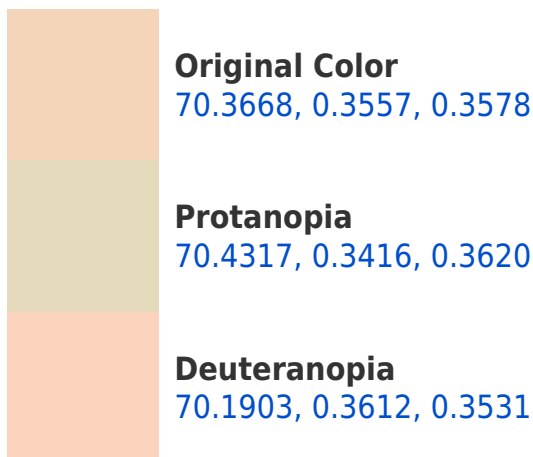


This preview shows how white text looks on a background with the Yxy color 70.3668, 0.3557, 0.3578.

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

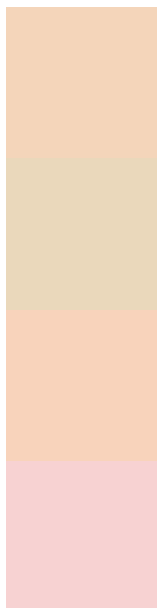




Tritanopia

70.6333, 0.3323, 0.3127

Trichromacy



Original Color

70.3668, 0.3557, 0.3578

Protanomaly

70.1920, 0.3465, 0.3606

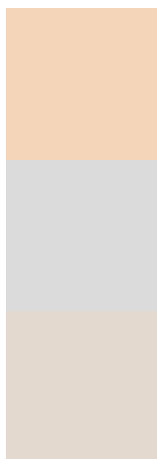
Deuteranomaly

70.1328, 0.3586, 0.3544

Tritanomaly

70.5205, 0.3408, 0.3291

Monochromacy



Original Color

70.3668, 0.3557, 0.3578

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6247, 0.3276, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3668, 0.3557, 0.3578 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, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(244, 213, 186)  
}
```

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, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 213, 186) }
```

Border

The CSS property to change the border of an element to Yxy 70.3668, 0.3557, 0.3578 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, 213, 186) }
```

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

```
.border{ border-color:rgb(244, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 213, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 213, 186); box-shadow:4px 4px 4px 4px rgb(244, 213, 186) }
```


Background

The CSS property to change the background color of an element to `rgb(70.3668, 0.3557, 0.3578)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 213, 186) }
```

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

```
.background{ background-color: rgb(244,  
213, 186) }
```

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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