

Converting Colors

$Yxy(78.2366, 0.3940, 0.3406)$

Have a look what the booklet for
Yxy(78.2366, 0.3940, 0.3406)
contains.

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Color

Yxy(69.2529, 0.3608, 0.3426)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFCEC1 |
| RGB | 255, 206, 193 |
| RGB Percent | 100%, 81%, 76% |
| CMY | 0.0000, 0.1921, 0.2433 |
| CMYK | 0.00, 0.19, 0.24, 0.00 |
| HSL | 13°, 100%, 88% |
| HSV | 13°, 24%, 100% |
| XYZ | 72.9318, 69.2529, 59.9545 |
| YIQ | 219.1690, 33.3770, 6.3450 |

Conversions

Conversions Part 2

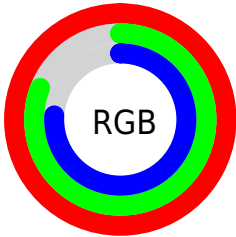
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 209, 193 |
| Decimal | 16764609 |
| CIE Lab | 86.63, 15.38, 13.02 |
| CIE LCh | 87, 20.154, 40.241 |
| Yxy | 69.2529, 0.3608, 0.3426 |
| Android (android.graphics.Color) | 4294954689 (0xFFFFCEC1) |
| YUV | 219.1690, -12.9013, 31.4238 |
| Hunter-Lab | 83.2183, 10.8038, 15.5375 |

Details

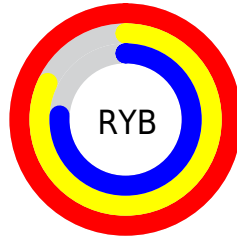
The Yxy color **69.2529, 0.3608, 0.3426** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0252, 0.2756, 0.3149**, and the grayscale version is **71.0359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **36.1909, 0.3725, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **59.1318, 0.3878, 0.3485**, and if you desaturate by 10%, it is **80.8185, 0.3383, 0.3368**.

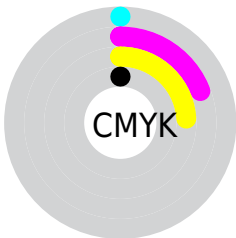
Distribution



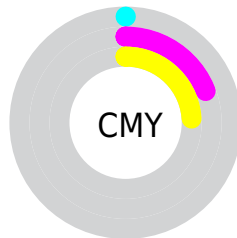
- Red (100%)
- Green (81%)
- Blue (76%)



- Red (100%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2529, 0.3608, 0.3426 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 69.2529, 0.3608, 0.3426 by changing the saturation by 10% instead.


 69.2529, 0.3608,
0.3426

 69.2529, 0.3608,
0.3426

457.9224, 0.3381,
0.3367

 50.9177, 0.3661,
0.3438


 118.1427, 0.3529,
0.3406

 36.1431, 0.3726,
0.3453


149.4661, 0.3498,
0.3398

 24.5447, 0.3810,
0.3471


185.8877, 0.3472,
0.3392

 15.7382, 0.3920,
0.3493

227.7919, 0.3449,
0.3385

 9.3391, 0.4073,
0.3519

275.5631, 0.3429,
0.3380

 4.9630, 0.4295,
0.3551

329.5856, 0.3411,

 2.2256, 0.4648,

0.3375

0.3582

390.2439, 0.3395,
0.3371

0.7339, 0.5987,
0.4013

0.0000, 1.0000,
0.0000

69.2529, 0.3608,
0.3426

69.2529, 0.3608,
0.3426

59.1318, 0.3878,
0.3485

80.8185, 0.3383,
0.3368

50.3890, 0.4197,
0.3542

93.8729, 0.3197,
0.3313

42.9667, 0.4565,
0.3590

99.9987, 0.3127,
0.3290

36.7997, 0.4970,
0.3620

■ 31.8169, 0.5384,
0.3623

■ 27.9398, 0.5765,
0.3589

■ 25.0793, 0.6062,
0.3518

■ 23.8631, 0.6186,
0.3470

Harmonies

Analogous

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



69.2529, 0.3488, 0.3217



69.2529, 0.3608, 0.3426



69.2529, 0.3592, 0.3610

Triad

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



69.2529, 0.3608, 0.3426



69.2529, 0.2975, 0.3570



69.2529, 0.2805, 0.2881

Complementary

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



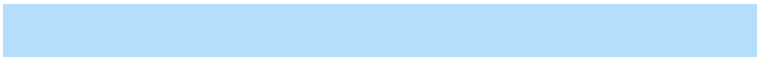
69.2529, 0.3608, 0.3426



82.0252, 0.2756, 0.3149

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.



69.2529, 0.2680, 0.2954



69.2529, 0.3608, 0.3426



69.2529, 0.2775, 0.3351

Square

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



69.2529, 0.3608, 0.3426



69.2529, 0.3221, 0.3707



69.2529, 0.2669, 0.3123



69.2529, 0.3018, 0.2911

Rectangle

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



69.2529, 0.3608, 0.3426



69.2529, 0.3509, 0.3693



69.2529, 0.2669, 0.3123



69.2529, 0.2752, 0.2894

Sweetspot

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



69.2561, 0.3608, 0.3426



90.2372, 0.3244, 0.3327



65.8298, 0.3246, 0.2797



19.1419, 0.3254, 0.3330



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.



69.2561, 0.3608, 0.3426



64.3512, 0.3728, 0.3454



85.3204, 0.3537, 0.3727



18.6060, 0.3289, 0.3341



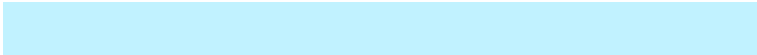
12.6417, 0.6161, 0.3490



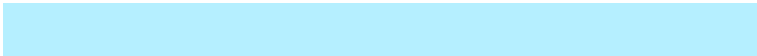
1.3800, 0.5953, 0.3655

Inverse Universe

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



82.0252, 0.2756, 0.3149



79.0442, 0.2688, 0.3119



65.4269, 0.2727, 0.2811



19.7945, 0.2980, 0.3239



25.9134, 0.2055, 0.2597



2.6778, 0.2079, 0.2685

Previews

White Background



This preview shows how the Yxy color 69.2529, 0.3608, 0.3426 looks on a white background.

Color Contrast Check

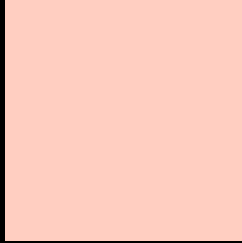
Large Text (above 18pt) WCAG AA × Fail

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 69.2529, 0.3608, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

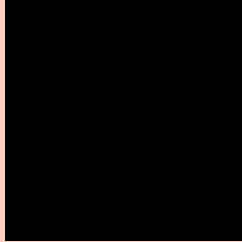
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2529, 0.3608, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 69.2529, 0.3608, 0.3426.



This preview shows how white text looks on a background with the Yxy color 69.2529, 0.3608, 0.3426.

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

69.2529, 0.3608, 0.3426

Protanopia

69.1965, 0.3318, 0.3489

Deuteranopia

69.1809, 0.3545, 0.3470



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

69.2529, 0.3608, 0.3426

Protanomaly

68.9054, 0.3423, 0.3464

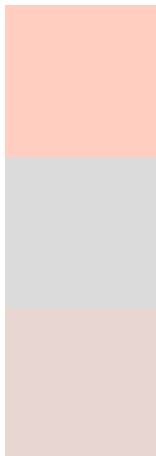
Deuteranomaly

69.2415, 0.3571, 0.3459

Tritanomaly

69.0492, 0.3488, 0.3240

Monochromacy



Original Color

69.2529, 0.3608, 0.3426

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.9021, 0.3289, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2529, 0.3608, 0.3426 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(255, 206, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 193)  
}
```

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(255, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 193) }
```

Border

The CSS property to change the border of an element to Yxy 69.2529, 0.3608, 0.3426 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(255, 206, 193) }
```

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

```
.border{ border-color:rgb(255, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2529, 0.3608, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 193) }
```

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

```
.background{ background-color: rgb(255,  
206, 193) }
```

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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