

Converting Colors

Yxy(69.0374, 0.3408, 0.3336)

Have a look what the booklet for
Yxy(69.0374, 0.3408, 0.3336)
contains.

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Color

Yxy(68.8860, 0.3408, 0.3333)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F2D1CD |
| RGB | 242, 209, 205 |
| RGB Percent | 95%, 82%, 80% |
| CMY | 0.0510, 0.1804, 0.1960 |
| CMYK | 0.00, 0.14, 0.15, 0.05 |
| HSL | 6°, 59%, 88% |
| HSV | 6°, 15%, 95% |
| XYZ | 70.4361, 68.8860, 67.3566 |
| YIQ | 218.4110, 20.9520, 5.7520 |

Conversions

Conversions Part 2

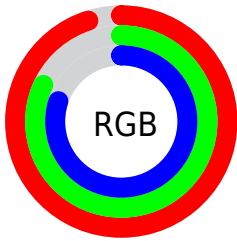
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 209, 205 |
| Decimal | 15913421 |
| CIE Lab | 86.45, 10.88, 6.22 |
| CIE LCh | 86, 12.537, 29.747 |
| Yxy | 68.8860, 0.3408, 0.3333 |
| Android (android.graphics.Color) | 4294103501 (0xFFFF2D1CD) |
| YUV | 218.4110, -6.6116, 20.6876 |
| Hunter-Lab | 82.9976, 6.2386, 9.9816 |

Details

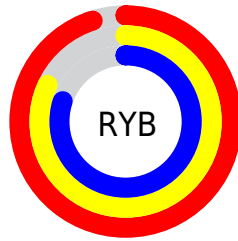
The Yxy color **68.8860, 0.3408, 0.3333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5421, 0.2894, 0.3247**, and the grayscale version is **70.4470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1162, 0.3479, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **57.9225, 0.3646, 0.3363**, and if you desaturate by 10%, it is **81.4720, 0.3214, 0.3304**.

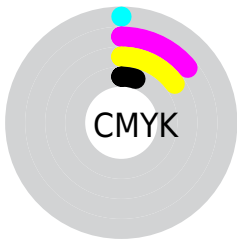
Distribution



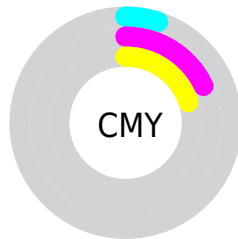
- Red (95%)
- Green (82%)
- Blue (80%)



- Red (95%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8860, 0.3408, 0.3333 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 68.8860, 0.3408, 0.3333 by changing the saturation by 10% instead.

 68.8860, 0.3408,
0.3333

 68.8860, 0.3408,
0.3333


456.6288, 0.3276,
0.3314

 50.6189, 0.3439,
0.3337


117.6187, 0.3362,
0.3327

 35.9054, 0.3477,
0.3342


148.8531, 0.3344,
0.3324

 24.3611, 0.3526,
0.3347


185.1787, 0.3329,
0.3322

 15.6017, 0.3591,
0.3354


226.9800, 0.3315,
0.3320

 9.2428, 0.3681,
0.3363

274.6412, 0.3304,
0.3319

 4.8999, 0.3813,
0.3373

328.5468, 0.3293,

 2.1886, 0.4028,

0.3317

389.0812, 0.3284,
0.3316

0.3385

0.7138, 0.4731,
0.3561

0.0000, 0.0000,
0.0000

68.8860, 0.3408,
0.3333

68.8860, 0.3408,
0.3333

57.9225, 0.3646,
0.3363

81.4720, 0.3214,
0.3304

48.5067, 0.3938,
0.3394

95.7331, 0.3057,
0.3278

40.5715, 0.4287,
0.3423

97.6146, 0.3047,
0.3290

34.0413, 0.4694,
0.3446

■ 28.8341, 0.5140,
0.3457

■ 24.8590, 0.5588,
0.3451

■ 22.0137, 0.5976,
0.3423

■ 20.1791, 0.6245,
0.3377

■ 19.6171, 0.6329,
0.3357

Harmonies

Analogous

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



68.8860, 0.3309, 0.3201



68.8860, 0.3408, 0.3333



68.8860, 0.3429, 0.3457

Triad

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



68.8860, 0.3408, 0.3333



68.8860, 0.3086, 0.3498



68.8860, 0.2890, 0.3042

Complementary

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



68.8860, 0.3408, 0.3333



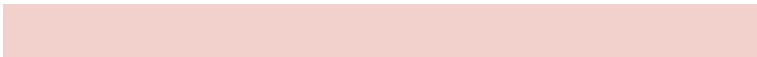
80.5421, 0.2894, 0.3247

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.



68.8860, 0.2834, 0.3113



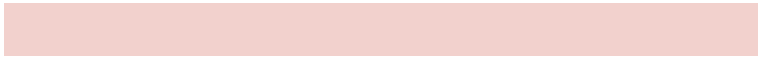
68.8860, 0.3408, 0.3333



68.8860, 0.2946, 0.3379

Square

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



68.8860, 0.3408, 0.3333



68.8860, 0.3241, 0.3558



68.8860, 0.2854, 0.3236



68.8860, 0.3009, 0.3036

Rectangle

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



68.8860, 0.3408, 0.3333



68.8860, 0.3396, 0.3520



68.8860, 0.2854, 0.3236



68.8860, 0.2863, 0.3059

Sweetspot

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



68.8891, 0.3408, 0.3333



92.1614, 0.3210, 0.3304



68.7393, 0.3171, 0.2948



19.4987, 0.3222, 0.3306



0.0000, 0.0000, 0.0000



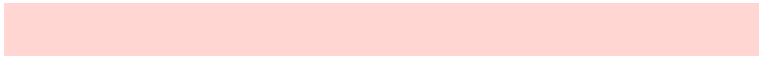
21.4041, 0.3127, 0.3290

Same Dimension

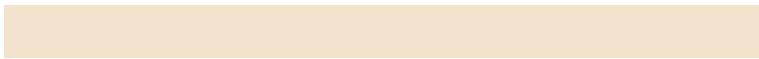
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8891, 0.3408, 0.3333



73.9858, 0.3469, 0.3341



78.3317, 0.3379, 0.3522



16.0330, 0.3291, 0.3316



10.6340, 0.6312, 0.3370



0.9749, 0.6133, 0.3513

Inverse Universe

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



80.5421, 0.2894, 0.3247



89.1935, 0.2853, 0.3238



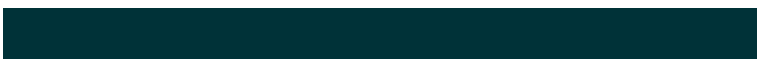
70.4788, 0.2886, 0.3047



17.6208, 0.2981, 0.3264



29.9263, 0.2152, 0.2948



2.5722, 0.2166, 0.2997

Previews

White Background



This preview shows how the Yxy color 68.8860, 0.3408, 0.3333 looks on a white background.

Color Contrast Check

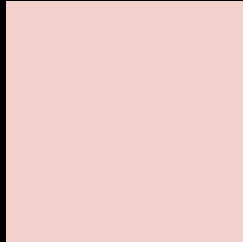
Large Text (above 18pt) WCAG AA × Fail

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 68.8860, 0.3408, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

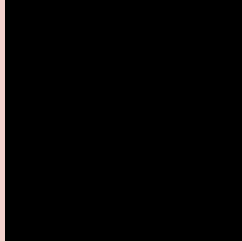
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8860, 0.3408, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 68.8860, 0.3408, 0.3333.

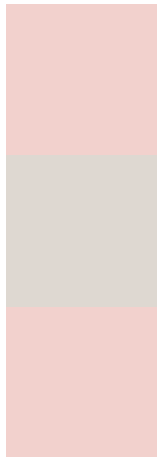


This preview shows how white text looks on a background with the Yxy color 68.8860, 0.3408, 0.3333.

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

68.8860, 0.3408, 0.3333

Protanopia

69.2448, 0.3219, 0.3367

Deuteranopia

68.8860, 0.3408, 0.3333



Tritanopia

68.6496, 0.3302, 0.3124

Trichromacy



Original Color

68.8860, 0.3408, 0.3333

Protanomaly

68.8006, 0.3281, 0.3345

Deuteranomaly

68.8860, 0.3408, 0.3333

Tritanomaly

68.6382, 0.3337, 0.3196

Monochromacy



Original Color

68.8860, 0.3408, 0.3333

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.7359, 0.3229, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8860, 0.3408, 0.3333 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, 209, 205)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 205)  
}
```

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, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.8860, 0.3408, 0.3333 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, 209, 205) }
```

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

```
.border{ border-color:rgb(242, 209, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 209, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8860, 0.3408, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 205) }
```

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

```
.background{ background-color: rgb(242,  
209, 205) }
```

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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