

Converting Colors

$Y_{xy}(67.4218, 0.3412, 0.3197)$

Have a look what the booklet for
Yxy(67.4218, 0.3412, 0.3197)
contains.

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Color

Yxy(67.4218, 0.3412, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	F8CBD4
RGB	248, 203, 212
RGB Percent	97%, 80%, 83%
CMY	0.0274, 0.2039, 0.1686
CMYK	0.00, 0.18, 0.15, 0.03
HSL	348°, 76%, 88%
HSV	348°, 18%, 97%
XYZ	71.9560, 67.4218, 71.5131
YIQ	217.4810, 23.9310, 12.3390

Conversions

Conversions Part 2

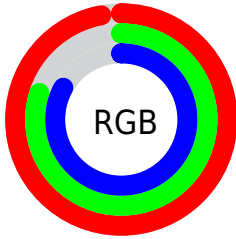
Format	Color
R _Y B	248, 203, 212
Decimal	16305108
CIE Lab	85.72, 17.27, 1.52
CIE LCh	86, 17.334, 5.045
Yxy	67.4218, 0.3412, 0.3197
Android (android.graphics.Color)	4294495188 (0xFFF8CBD4)
YUV	217.4810, -2.7021, 26.7652
Hunter-Lab	82.1108, 12.7306, 5.8399

Details

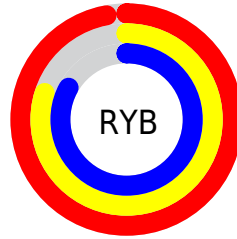
The Yxy color **67.4218, 0.3412, 0.3197** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.0741, 0.2902, 0.3385**, and the grayscale version is **69.7448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0056, 0.3485, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **55.6922, 0.3623, 0.3142**, and if you desaturate by 10%, it is **81.1542, 0.3241, 0.3250**.

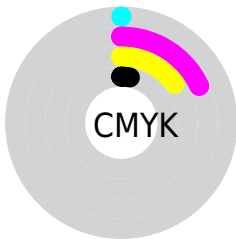
Distribution



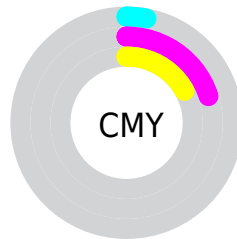
- Red (97%)
- Green (80%)
- Blue (83%)



- Red (97%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4218, 0.3412, 0.3197 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 67.4218, 0.3412, 0.3197 by changing the saturation by 10% instead.

 67.4218, 0.3412,
0.3197

 67.4218, 0.3412,
0.3197


451.4447, 0.3278,
0.3241

 49.4275, 0.3443,
0.3187

115.5246, 0.3365,
0.3213

 34.9587, 0.3482,
0.3174


146.4019, 0.3347,
0.3219

 23.6311, 0.3532,
0.3157


182.3423, 0.3331,
0.3224

 15.0602, 0.3598,
0.3134

223.7302, 0.3318,
0.3228

 8.8616, 0.3689,
0.3103

270.9500, 0.3306,
0.3232

 4.6510, 0.3824,
0.3056

324.3860, 0.3296,

 2.0440, 0.4044,

0.3236

0.2978

384.4228, 0.3286,
0.3239

0.6329, 0.4603,
0.2811

0.0000, 0.0000,
0.0000

67.4218, 0.3412,
0.3197

67.4218, 0.3412,
0.3197

55.6922, 0.3623,
0.3142

81.1542, 0.3241,
0.3250

45.8631, 0.3882,
0.3088

96.9676, 0.3104,
0.3299

37.8365, 0.4194,
0.3038

98.6996, 0.3084,
0.3290

31.5023, 0.4559,
0.3001

■ 26.7383, 0.4964,
0.2984

■ 23.4054, 0.5382,
0.2998

■ 21.3403, 0.5765,
0.3047

■ 20.3189, 0.6066,
0.3127

■ 20.1867, 0.6112,
0.3141

Harmonies

Analogous

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



67.4218, 0.3214, 0.3042



67.4218, 0.3412, 0.3197



67.4218, 0.3534, 0.3379

Triad

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



67.4218, 0.3412, 0.3197



67.4218, 0.3247, 0.3660



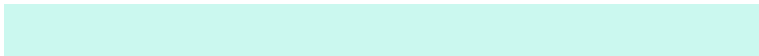
67.4218, 0.2728, 0.3019

Complementary

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



67.4218, 0.3412, 0.3197



86.0741, 0.2902, 0.3385

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.



67.4218, 0.2737, 0.3179



67.4218, 0.3412, 0.3197



67.4218, 0.3031, 0.3559

Square

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



67.4218, 0.3412, 0.3197



67.4218, 0.3435, 0.3652



67.4218, 0.2846, 0.3378



67.4218, 0.2822, 0.2938

Rectangle

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



67.4218, 0.3412, 0.3197



67.4218, 0.3552, 0.3495



67.4218, 0.2846, 0.3378



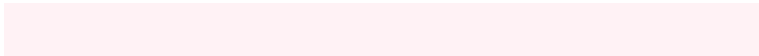
67.4218, 0.2720, 0.3065

Sweetspot

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



67.4248, 0.3412, 0.3197



91.4936, 0.3195, 0.3266



67.7125, 0.3077, 0.2829



19.3372, 0.3205, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

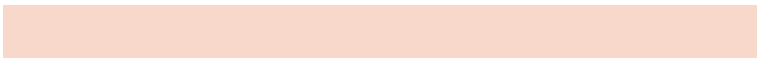
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4248, 0.3412, 0.3197



66.7203, 0.3489, 0.3176



73.2571, 0.3458, 0.3423



17.2820, 0.3262, 0.3243



10.9189, 0.6078, 0.3122



1.0256, 0.5763, 0.2948

Inverse Universe

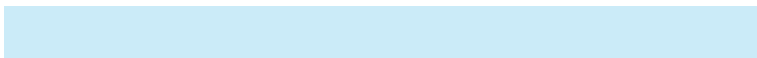
The Inverse Universe completely reimagines the original color for something new.



67.4248, 0.3412, 0.3197



66.7203, 0.3489, 0.3176



79.0415, 0.2846, 0.3153



17.2820, 0.3262, 0.3243



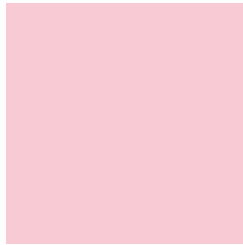
10.9189, 0.6078, 0.3122



1.0256, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 67.4218, 0.3412, 0.3197 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 67.4218, 0.3412, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

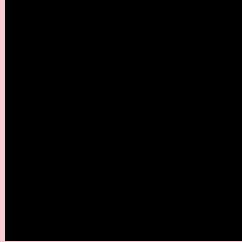
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4218, 0.3412, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 67.4218, 0.3412, 0.3197.



This preview shows how white text looks on a background with the Yxy color 67.4218, 0.3412, 0.3197.

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

67.4218, 0.3412, 0.3197

Protanopia

67.4022, 0.3122, 0.3235

Deuteranopia

67.6478, 0.3319, 0.3258



Tritanopia

67.4428, 0.3376, 0.3125

Trichromacy



Original Color

67.4218, 0.3412, 0.3197

Protanomaly

67.0528, 0.3221, 0.3214

Deuteranomaly

67.3710, 0.3353, 0.3238

Tritanomaly

67.3387, 0.3391, 0.3146

Monochromacy



Original Color

67.4218, 0.3412, 0.3197

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.4872, 0.3225, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4218, 0.3412, 0.3197 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(248, 203, 212)` looks like.

```
.text, #text, p{  
    color:rgb(248, 203, 212)  
}
```

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(248, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 203, 212) }
```

Border

The CSS property to change the border of an element to Yxy 67.4218, 0.3412, 0.3197 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(248, 203, 212) }
```

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

```
.border{ border-color:rgb(248, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 203, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 203, 212);  
box-shadow:4px 4px 4px 4px rgb(248, 203,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4218, 0.3412, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 203, 212) }
```

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

```
.background{ background-color: rgb(248,  
203, 212) }
```

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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