

Converting Colors

$Yxy(69.1297, 0.3402, 0.3178)$

Have a look what the booklet for
Yxy(69.1297, 0.3402, 0.3178)
contains.

Yxy(69.1297, 0.3402, 0.3178)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.1297, 0.3402, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	FBCDD8
RGB	251, 205, 216
RGB Percent	98%, 80%, 85%
CMY	0.0158, 0.1960, 0.1530
CMYK	0.00, 0.18, 0.14, 0.02
HSL	346°, 85%, 89%
HSV	346°, 18%, 98%
XYZ	74.0023, 69.1297, 74.3938
YIQ	220.0080, 23.8850, 13.1730

Conversions

Conversions Part 2

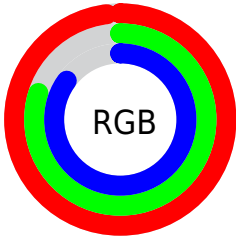
Format	Color
R _Y B	251, 205, 216
Decimal	16502232
CIE Lab	86.57, 17.88, 0.69
CIE LCh	87, 17.889, 2.208
Yxy	69.1297, 0.3402, 0.3178
Android (android.graphics.Color)	4294692312 (0xFFFBCDD8)
YUV	220.0080, -1.9759, 27.1800
Hunter-Lab	83.1443, 13.3708, 5.1509

Details

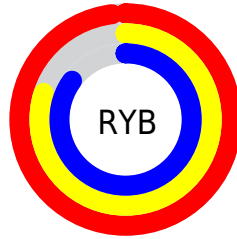
The Yxy color **69.1297, 0.3402, 0.3178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.2568, 0.2909, 0.3405**, and the grayscale version is **71.5778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1758, 0.3471, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **57.1402, 0.3603, 0.3113**, and if you desaturate by 10%, it is **83.1663, 0.3239, 0.3241**.

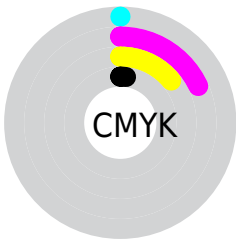
Distribution



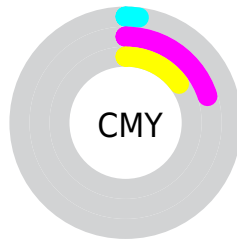
- Red (98%)
- Green (80%)
- Blue (85%)



- Red (98%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (2%)




- Cyan (2%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1297, 0.3402, 0.3178 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 69.1297, 0.3402, 0.3178 by changing the saturation by 10% instead.

 69.1297, 0.3402,
0.3178

 69.1297, 0.3402,
0.3178


457.4883, 0.3273,
0.3231

 50.8173, 0.3432,
0.3166

117.9668, 0.3357,
0.3196

 36.0633, 0.3469,
0.3151


149.2603, 0.3340,
0.3204

 24.4831, 0.3516,
0.3131


185.6497, 0.3325,
0.3210

 15.6923, 0.3578,
0.3105

227.5194, 0.3312,
0.3215

 9.3067, 0.3664,
0.3070

275.2537, 0.3300,
0.3220

 4.9418, 0.3790,
0.3017


329.2370, 0.3290,


 2.2131, 0.3992,

0.3224


0.2932


389.8537, 0.3281,
0.3227


 0.7271, 0.4412,
0.2763


 0.0000, 1.0000,
0.0000


 69.1297, 0.3402,
0.3178


 69.1297, 0.3402,
0.3178


 57.1402, 0.3603,
0.3113


 83.1663, 0.3239,
0.3241

 47.0930, 0.3849,
0.3048

 99.1947, 0.3107,
0.3298

 38.8879, 0.4146,
0.2988

 99.2459, 0.3102,
0.3290

 32.4120, 0.4492,
0.2942

■ 27.5401, 0.4878,
0.2919

■ 24.1297, 0.5279,
0.2930

■ 22.0130, 0.5655,
0.2981

■ 20.9575, 0.5963,
0.3069

■ 20.8307, 0.6008,
0.3083

Harmonies

Analogous

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



69.1297, 0.3194, 0.3024



69.1297, 0.3402, 0.3178



69.1297, 0.3536, 0.3363

Triad

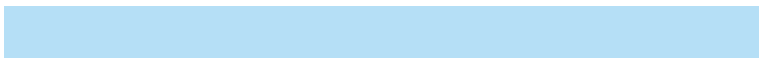
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1297, 0.3402, 0.3178



69.1297, 0.3270, 0.3673



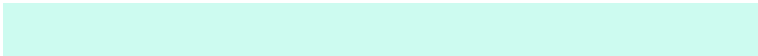
69.1297, 0.2716, 0.3025

Complementary

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



69.1297, 0.3402, 0.3178



88.2568, 0.2909, 0.3405

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.



69.1297, 0.2735, 0.3194



69.1297, 0.3402, 0.3178



69.1297, 0.3050, 0.3579

Square

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



69.1297, 0.3402, 0.3178



69.1297, 0.3457, 0.3654



69.1297, 0.2855, 0.3400



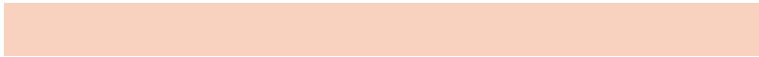
69.1297, 0.2802, 0.2934

Rectangle

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



69.1297, 0.3402, 0.3178



69.1297, 0.3563, 0.3483



69.1297, 0.2855, 0.3400



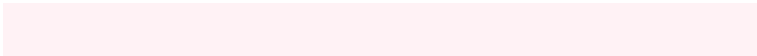
69.1297, 0.2710, 0.3074

Sweetspot

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



69.1328, 0.3402, 0.3178



91.5236, 0.3192, 0.3261



69.0702, 0.3065, 0.2823



19.3445, 0.3202, 0.3257



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.



69.1328, 0.3402, 0.3178



66.8285, 0.3472, 0.3154



74.2865, 0.3464, 0.3409



17.2931, 0.3256, 0.3234



10.9700, 0.5969, 0.3062



1.0318, 0.5640, 0.2881

Inverse Universe

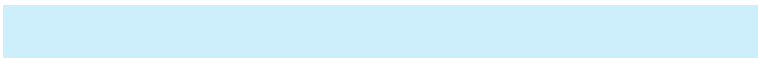
The Inverse Universe completely reimagines the original color for something new.



69.1328, 0.3402, 0.3178



66.8285, 0.3472, 0.3154



81.9658, 0.2844, 0.3168



17.2931, 0.3256, 0.3234



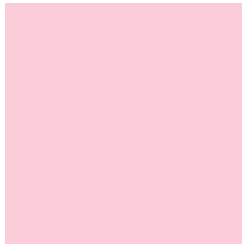
10.9700, 0.5969, 0.3062



1.0318, 0.5640, 0.2881

Previews

White Background



This preview shows how the Yxy color 69.1297, 0.3402, 0.3178 looks on a white background.

Color Contrast Check

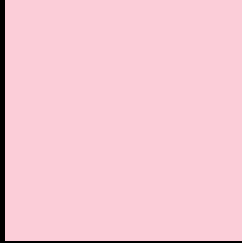
Large Text (above 18pt) WCAG AA × Fail

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 69.1297, 0.3402, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

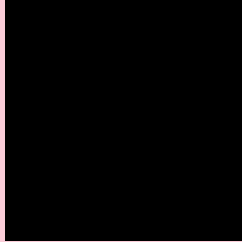
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1297, 0.3402, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 69.1297, 0.3402, 0.3178.



This preview shows how white text looks on a background with the Yxy color 69.1297, 0.3402, 0.3178.

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

69.1297, 0.3402, 0.3178

Protanopia

69.4457, 0.3109, 0.3224

Deuteranopia

69.1766, 0.3303, 0.3238



Tritanopia

69.0485, 0.3381, 0.3127

Trichromacy



Original Color

69.1297, 0.3402, 0.3178

Protanomaly

69.2432, 0.3213, 0.3205

Deuteranomaly

69.0727, 0.3344, 0.3217

Tritanomaly

68.9957, 0.3389, 0.3137

Monochromacy



Original Color

69.1297, 0.3402, 0.3178

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7043, 0.3217, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1297, 0.3402, 0.3178 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(251, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(251, 205, 216)  
}
```

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(251, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 205, 216) }
```

Border

The CSS property to change the border of an element to Yxy 69.1297, 0.3402, 0.3178 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(251, 205, 216) }
```

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

```
.border{ border-color:rgb(251, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(251, 205,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1297, 0.3402, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 205, 216) }
```

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

```
.background{ background-color: rgb(251,  
205, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor