

Converting Colors

$Y_{xy}(68.2218, 0.3416, 0.3118)$

Have a look what the booklet for
Yxy(68.2218, 0.3416, 0.3118)
contains.

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Color

Yxy(67.9061, 0.3416, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	FEC9DA
RGB	254, 201, 218
RGB Percent	100%, 79%, 85%
CMY	0.0039, 0.2118, 0.1450
CMYK	0.00, 0.21, 0.14, 0.00
HSL	341°, 96%, 89%
HSV	341°, 21%, 100%
XYZ	74.4200, 67.9061, 75.5311
YIQ	218.7850, 26.1310, 16.5230

Conversions

Conversions Part 2

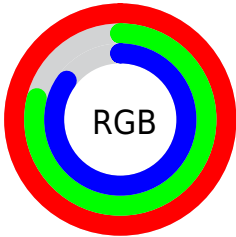
Format	Color
RYB	254, 201, 218
Decimal	16697818
CIELab	85.96, 21.36, -1.25
CIELCh	86, 21.400, 356.642
Yxy	67.9061, 0.3416, 0.3117
Android (android.graphics.Color)	4294887898 (0xFFFECA9DA)
YUV	218.7850, -0.3870, 30.8836
Hunter-Lab	82.4052, 16.9942, 3.3394

Details

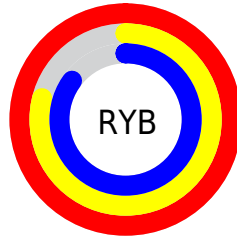
The Yxy color $67.9061, 0.3416, 0.3117$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.4219, 0.2904, 0.3470$, and the grayscale version is $70.6741, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.3821, 0.3490, 0.3082$ is the 20% darker color. If you saturate the color by 10%, you get $56.1731, 0.3604, 0.3029$, and if you desaturate by 10%, it is $81.6973, 0.3262, 0.3203$.

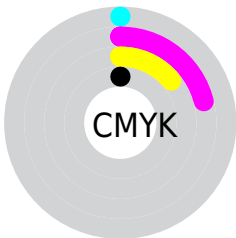
Distribution



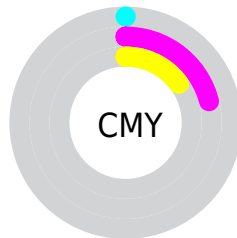
- Red (100%)
- Green (79%)
- Blue (85%)



- Red (100%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9061, 0.3416, 0.3117 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 67.9061, 0.3416, 0.3117 by changing the saturation by 10% instead.


 67.9061, 0.3416,
0.3117

 67.9061, 0.3416,
0.3117


453.1633, 0.3281,
0.3198

 49.8213, 0.3447,
0.3098

116.2178, 0.3369,
0.3145

 35.2715, 0.3486,
0.3075


147.2135, 0.3351,
0.3156

 23.8721, 0.3536,
0.3046


183.2817, 0.3335,
0.3165

 15.2387, 0.3601,
0.3008

224.8068, 0.3321,
0.3174

 8.9871, 0.3691,
0.2955

272.1730, 0.3309,
0.3181

 4.7328, 0.3823,
0.2878


325.7649, 0.3299,


 2.0913, 0.4036,


0.3187


0.2755


385.9669, 0.3289,
0.3193

 0.6598, 0.4475,
0.2487

 0.0000, 1.0000,
0.0000


 67.9061, 0.3416,
0.3117

 67.9061, 0.3416,
0.3117


 56.1731, 0.3604,
0.3029


 81.6973, 0.3262,
0.3203

 46.3900, 0.3832,
0.2942

 97.6299, 0.3137,
0.3283

 38.4526, 0.4103,
0.2863

 99.8130, 0.3121,
0.3290

 32.2433, 0.4416,
0.2803

■ 27.6305, 0.4762,
0.2771

■ 24.4636, 0.5121,
0.2782

■ 22.5626, 0.5462,
0.2842

■ 21.6759, 0.5735,
0.2933

Harmonies

Analogous

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



67.9061, 0.3157, 0.2947



67.9061, 0.3416, 0.3117



67.9061, 0.3600, 0.3333

Triad

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



67.9061, 0.3416, 0.3117



67.9061, 0.3344, 0.3759



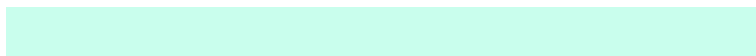
67.9061, 0.2629, 0.3001

Complementary

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



67.9061, 0.3416, 0.3117



89.4219, 0.2904, 0.3470

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.



67.9061, 0.2675, 0.3217



67.9061, 0.3416, 0.3117



67.9061, 0.3081, 0.3672

Square

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



67.9061, 0.3416, 0.3117



67.9061, 0.3555, 0.3708



67.9061, 0.2838, 0.3467



67.9061, 0.2709, 0.2875

Rectangle

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



67.9061, 0.3416, 0.3117



67.9061, 0.3651, 0.3480



67.9061, 0.2838, 0.3467



67.9061, 0.2631, 0.3065

Sweetspot

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



67.9092, 0.3416, 0.3117



89.9727, 0.3198, 0.3243



66.8206, 0.3023, 0.2749



19.0346, 0.3206, 0.3237



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.



67.9092, 0.3416, 0.3117



63.3703, 0.3489, 0.3081



71.3015, 0.3530, 0.3382



18.0832, 0.3244, 0.3214



11.4503, 0.5692, 0.2909



1.1338, 0.5373, 0.2733

Inverse Universe

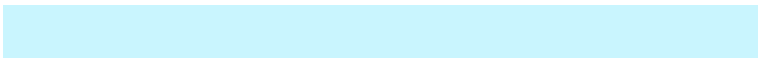
The Inverse Universe completely reimagines the original color for something new.



67.9092, 0.3416, 0.3117



63.3703, 0.3489, 0.3081



84.9853, 0.2809, 0.3196



18.0832, 0.3244, 0.3214



11.4503, 0.5692, 0.2909



1.1338, 0.5373, 0.2733

Previews

White Background



This preview shows how the Yxy color 67.9061, 0.3416, 0.3117 looks on a white background.

Color Contrast Check

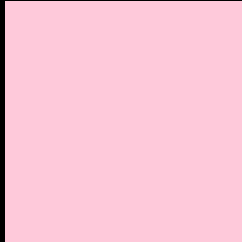
Large Text (above 18pt) WCAG AA × Fail

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 67.9061, 0.3416, 0.3117 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 67.9061, 0.3416, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 67.9061, 0.3416, 0.3117.



This preview shows how white text looks on a background with the Yxy color 67.9061, 0.3416, 0.3117.

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

67.9061, 0.3416, 0.3117

Protanopia

68.1831, 0.3061, 0.3158

Deuteranopia

67.7837, 0.3268, 0.3194



Tritanopia

67.8539, 0.3424, 0.3127

Trichromacy



Original Color

67.9061, 0.3416, 0.3117

Protanomaly

67.7516, 0.3186, 0.3140

Deuteranomaly

67.5496, 0.3325, 0.3164

Tritanomaly

67.8539, 0.3424, 0.3127

Monochromacy



Original Color

67.9061, 0.3416, 0.3117

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.3572, 0.3227, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9061, 0.3416, 0.3117 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(254, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 218)  
}
```

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(254, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 218) }
```

Border

The CSS property to change the border of an element to Yxy 67.9061, 0.3416, 0.3117 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(254, 201, 218) }
```

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

```
.border{ border-color:rgb(254, 201, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9061, 0.3416, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 218) }
```

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

```
.background{ background-color: rgb(254,  
201, 218) }
```

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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