

Converting Colors

Yxy(66.7472, 0.3421, 0.3169)

Have a look what the booklet for
Yxy(66.7472, 0.3421, 0.3169)
contains.

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Color

Yxy(66.7171, 0.3415, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	F9C9D5
RGB	249, 201, 213
RGB Percent	98%, 79%, 84%
CMY	0.0235, 0.2117, 0.1646
CMYK	0.00, 0.19, 0.14, 0.02
HSL	345°, 80%, 88%
HSV	345°, 19%, 98%
XYZ	71.9643, 66.7171, 72.0486
YIQ	216.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

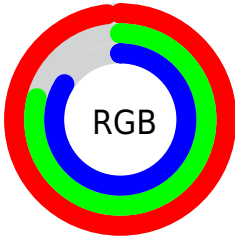
Format	Color
R _Y B	249, 201, 213
Decimal	16370133
CIE Lab	85.36, 18.82, 0.48
CIE LCh	85, 18.824, 1.456
Yxy	66.7171, 0.3415, 0.3166
Android (android.graphics.Color)	4294560213 (0xFFFF9C9D5)
YUV	216.7200, -1.8340, 28.3096
Hunter-Lab	81.6805, 14.3257, 4.8780

Details

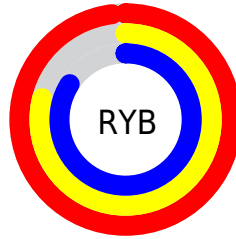
The Yxy color **66.7171, 0.3415, 0.3166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2800, 0.2902, 0.3418**, and the grayscale version is **69.1887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5425, 0.3490, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **55.1423, 0.3617, 0.3097**, and if you desaturate by 10%, it is **80.2886, 0.3251, 0.3232**.

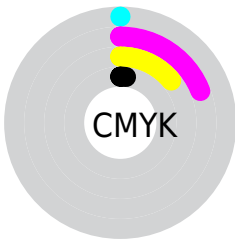
Distribution



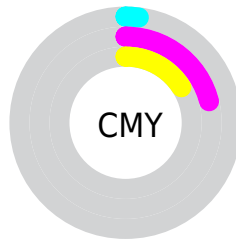
- Red (98%)
- Green (79%)
- Blue (84%)



- Red (98%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7171, 0.3415, 0.3166 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 66.7171, 0.3415, 0.3166 by changing the saturation by 10% instead.

 66.7171, 0.3415,
0.3166

 66.7171, 0.3415,
0.3166


448.9371, 0.3280,
0.3225

 48.8548, 0.3447,
0.3152


114.5150, 0.3368,
0.3187

 34.5043, 0.3486,
0.3135


145.2192, 0.3349,
0.3195

 23.2813, 0.3536,
0.3113


180.9730, 0.3333,
0.3201

 14.8013, 0.3603,
0.3084

222.1606, 0.3320,
0.3207

 8.6801, 0.3695,
0.3044

269.1664, 0.3308,
0.3212

 4.5331, 0.3832,
0.2984


322.3748, 0.3297,

 1.9760, 0.4055,


0.3217


0.2886


382.1703, 0.3288,
0.3221


 0.5935, 0.4622,
0.2646


 0.0000, 0.0000,
0.0000


 66.7171, 0.3415,
0.3166

 66.7171, 0.3415,
0.3166


 55.1423, 0.3617,
0.3097


 80.2886, 0.3251,
0.3232

 45.4611, 0.3863,
0.3029

 95.9357, 0.3118,
0.3294

 37.5745, 0.4159,
0.2968

 98.8789, 0.3090,
0.3290

 31.3710, 0.4503,
0.2920

■ 26.7267, 0.4885,
0.2898

■ 23.5002, 0.5280,
0.2911

■ 21.5242, 0.5649,
0.2966

■ 20.5449, 0.5952,
0.3057

■ 20.4904, 0.5972,
0.3063

Harmonies

Analogous

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



66.7171, 0.3192, 0.3005



66.7171, 0.3415, 0.3166



66.7171, 0.3561, 0.3362

Triad

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



66.7171, 0.3415, 0.3166



66.7171, 0.3284, 0.3699



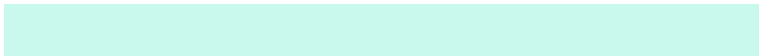
66.7171, 0.2689, 0.3011

Complementary

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



66.7171, 0.3415, 0.3166



86.2800, 0.2902, 0.3418

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.



66.7171, 0.2712, 0.3192



66.7171, 0.3415, 0.3166



66.7171, 0.3050, 0.3603

Square

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



66.7171, 0.3415, 0.3166



66.7171, 0.3482, 0.3675



66.7171, 0.2842, 0.3412



66.7171, 0.2777, 0.2913

Rectangle

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



66.7171, 0.3415, 0.3166



66.7171, 0.3592, 0.3490



66.7171, 0.2842, 0.3412



66.7171, 0.2684, 0.3064

Sweetspot

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



66.7201, 0.3415, 0.3166



89.9069, 0.3205, 0.3253



66.4821, 0.3056, 0.2796



19.0190, 0.3214, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

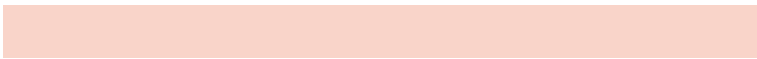
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7201, 0.3415, 0.3166



65.6028, 0.3486, 0.3140



71.5450, 0.3486, 0.3408



17.2965, 0.3254, 0.3231



10.9877, 0.5932, 0.3042



1.0339, 0.5601, 0.2859

Inverse Universe

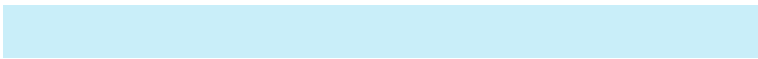
The Inverse Universe completely reimagines the original color for something new.



66.7201, 0.3415, 0.3166



65.6028, 0.3486, 0.3140



80.2889, 0.2830, 0.3169



17.2965, 0.3254, 0.3231



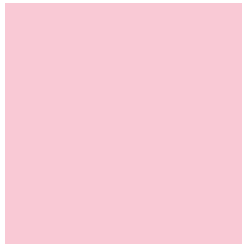
10.9877, 0.5932, 0.3042



1.0339, 0.5601, 0.2859

Previews

White Background



This preview shows how the Yxy color 66.7171, 0.3415, 0.3166 looks on a white background.

Color Contrast Check

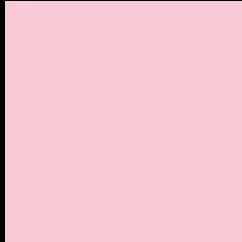
Large Text (above 18pt) WCAG AA × Fail

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 66.7171, 0.3415, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

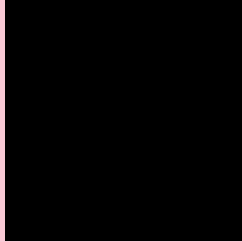
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7171, 0.3415, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 66.7171, 0.3415, 0.3166.



This preview shows how white text looks on a background with the Yxy color 66.7171, 0.3415, 0.3166.

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

66.7171, 0.3415, 0.3166

Protanopia

66.8532, 0.3102, 0.3201

Deuteranopia

67.0413, 0.3305, 0.3237



Tritanopia

66.8709, 0.3392, 0.3135

Trichromacy



Original Color

66.7171, 0.3415, 0.3166

Protanomaly

66.6155, 0.3215, 0.3193

Deuteranomaly

66.9414, 0.3346, 0.3216

Tritanomaly

66.8193, 0.3400, 0.3146

Monochromacy



Original Color

66.7171, 0.3415, 0.3166

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.2044, 0.3227, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7171, 0.3415, 0.3166 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(249, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(249, 201, 213)  
}
```

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(249, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 201, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.7171, 0.3415, 0.3166 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(249, 201, 213) }
```

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

```
.border{ border-color:rgb(249, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(249, 201,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7171, 0.3415, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 201, 213) }
```

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

```
.background{ background-color: rgb(249,  
201, 213) }
```

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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