

Converting Colors

Yxy(66.4100, 0.3415, 0.3088)

Have a look what the booklet for
Yxy(66.4100, 0.3415, 0.3088)
contains.

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Color

Yxy(66.3328, 0.3413, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	FDC6DA
RGB	253, 198, 218
RGB Percent	99%, 78%, 85%
CMY	0.0077, 0.2235, 0.1452
CMYK	0.00, 0.22, 0.14, 0.01
HSL	338°, 93%, 88%
HSV	338°, 22%, 99%
XYZ	73.3616, 66.3328, 75.2531
YIQ	216.7250, 26.3600, 17.8800

Conversions

Conversions Part 2

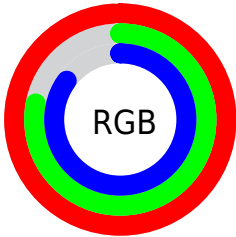
Format	Color
R _Y B	253, 198, 218
Decimal	16631514
CIE Lab	85.17, 22.59, -2.40
CIE LCh	85, 22.716, 353.925
Yxy	66.3328, 0.3413, 0.3086
Android (android.graphics.Color)	4294821594 (0xFFFD C6DA)
YUV	216.7250, 0.6286, 31.8132
Hunter-Lab	81.4450, 18.2553, 2.2290

Details

The Yxy color **66.3328, 0.3413, 0.3086** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1578, 0.2907, 0.3504**, and the grayscale version is **69.1744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3266, 0.3486, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **54.9160, 0.3592, 0.2987**, and if you desaturate by 10%, it is **79.7697, 0.3266, 0.3183**.

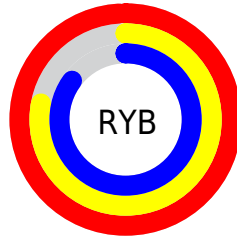
Distribution



Red (99%)

Green (78%)

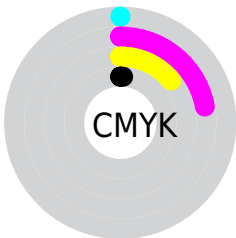
Blue (85%)



Red (99%)

Yellow (78%)

Blue (85%)

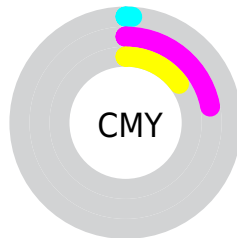


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (1%)



Cyan (1%)


Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3328, 0.3413, 0.3086 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 66.3328, 0.3413, 0.3086 by changing the saturation by 10% instead.


 66.3328, 0.3413,
0.3086

 66.3328, 0.3413,
0.3086

447.5661, 0.3279,
0.3181

 48.5426, 0.3444,
0.3064

113.9639, 0.3366,
0.3119

 34.2568, 0.3483,
0.3037


144.5735, 0.3348,
0.3132

 23.0909, 0.3532,
0.3003

180.2251, 0.3332,
0.3143

 14.6607, 0.3597,
0.2957

221.3031, 0.3319,
0.3153

 8.5816, 0.3687,
0.2895

268.1917, 0.3307,
0.3161

 4.4693, 0.3820,
0.2805


321.2756, 0.3297,


 1.9394, 0.4033,

0.3168

0.2662


380.9389, 0.3287,
0.3175

 0.5719, 0.4514,
0.2302


 0.0000, 1.0000,
0.0000


 66.3328, 0.3413,
0.3086


 66.3328, 0.3413,
0.3086


 54.9160, 0.3592,
0.2987


 79.7697, 0.3266,
0.3183

 45.4121, 0.3807,
0.2889

 95.3091, 0.3146,
0.3275

 37.7174, 0.4062,
0.2801

 99.6274, 0.3115,
0.3290

 31.7150, 0.4355,
0.2732

■ 27.2739, 0.4678,
0.2695

■ 24.2436, 0.5013,
0.2702

■ 22.4431, 0.5335,
0.2762

■ 21.6582, 0.5574,
0.2844

Harmonies

Analogous

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



66.3328, 0.3132, 0.2911



66.3328, 0.3413, 0.3086



66.3328, 0.3621, 0.3313

Triad

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



66.3328, 0.3413, 0.3086



66.3328, 0.3382, 0.3794



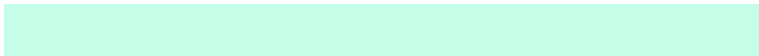
66.3328, 0.2595, 0.2998

Complementary

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



66.3328, 0.3413, 0.3086



88.1578, 0.2907, 0.3504

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.



66.3328, 0.2656, 0.3234



66.3328, 0.3413, 0.3086



66.3328, 0.3103, 0.3714

Square

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



66.3328, 0.3413, 0.3086



66.3328, 0.3599, 0.3725



66.3328, 0.2838, 0.3503



66.3328, 0.2668, 0.2854

Rectangle

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



66.3328, 0.3413, 0.3086



66.3328, 0.3684, 0.3471



66.3328, 0.2838, 0.3503



66.3328, 0.2600, 0.3069

Sweetspot

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



66.3358, 0.3413, 0.3086



88.4246, 0.3206, 0.3227



64.7790, 0.3004, 0.2722



18.7237, 0.3213, 0.3222



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.



66.3358, 0.3413, 0.3086



62.3190, 0.3485, 0.3044



68.7878, 0.3555, 0.3367



18.0961, 0.3237, 0.3204



11.5441, 0.5532, 0.2821



1.1441, 0.5220, 0.2649

Inverse Universe

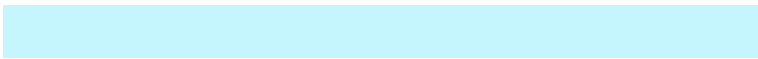
The Inverse Universe completely reimagines the original color for something new.



66.3358, 0.3413, 0.3086



62.3190, 0.3485, 0.3044



84.8212, 0.2797, 0.3211



18.0961, 0.3237, 0.3204



11.5441, 0.5532, 0.2821



1.1441, 0.5220, 0.2649

Previews

White Background



This preview shows how the Yxy color 66.3328, 0.3413, 0.3086 looks on a white background.

Color Contrast Check

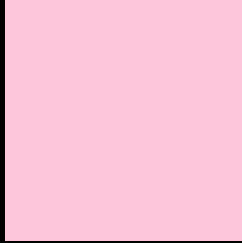
Large Text (above 18pt) WCAG AA × Fail

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 66.3328, 0.3413, 0.3086 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 66.3328, 0.3413, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 66.3328, 0.3413, 0.3086.



This preview shows how white text looks on a background with the Yxy color 66.3328, 0.3413, 0.3086.

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

66.3328, 0.3413, 0.3086

Protanopia

66.7241, 0.3040, 0.3135

Deuteranopia

66.2563, 0.3254, 0.3183



Tritanopia

66.5845, 0.3442, 0.3137

Trichromacy



Original Color

66.3328, 0.3413, 0.3086

Protanomaly

66.4473, 0.3173, 0.3117

Deuteranomaly

66.2469, 0.3312, 0.3142

Tritanomaly

66.6358, 0.3434, 0.3127

Monochromacy



Original Color

66.3328, 0.3413, 0.3086

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.9259, 0.3228, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3328, 0.3413, 0.3086 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(253, 198, 218)` looks like.

```
.text, #text, p{  
    color:rgb(253, 198, 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(253, 198, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.3328, 0.3413, 0.3086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

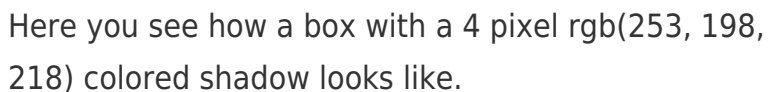
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 198, 218) }
```

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

```
.border{ border-color:rgb(253, 198, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 198, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 198, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 198, 218); box-shadow:4px 4px 4px 4px rgb(253, 198, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3328, 0.3413, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 218) }
```

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

```
.background{ background-color: rgb(253,  
198, 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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