

Converting Colors

$Y_{xy}(78.2796, 0.3897, 0.3161)$

Have a look what the booklet for
Yxy(78.2796, 0.3897, 0.3161)
contains.

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Color

Yxy(66.4523, 0.3468, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D5
RGB	255, 198, 213
RGB Percent	100%, 78%, 84%
CMY	0.0000, 0.2236, 0.1646
CMYK	0.00, 0.22, 0.16, 0.00
HSL	344°, 100%, 89%
HSV	344°, 22%, 100%
XYZ	73.4640, 66.4523, 71.9176
YIQ	216.7530, 29.1570, 16.7490

Conversions

Conversions Part 2

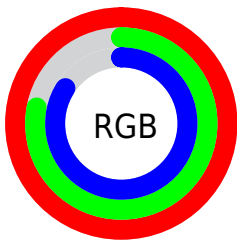
Format	Color
R_{YB}	255, 198, 213
Decimal	16762581
CIE _{Lab}	85.23, 22.54, 0.35
CIE _{LCh}	85, 22.543, 0.896
Yxy	66.4523, 0.3468, 0.3137
Android (android.graphics.Color)	4294952661 (0xFFFFC6D5)
YUV	216.7530, -1.8502, 33.5426
Hunter-Lab	81.5183, 18.2066, 4.7556

Details

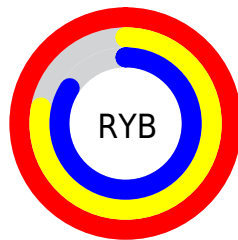
The Yxy color **66.4523, 0.3468, 0.3137** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.8114, 0.2871, 0.3449**, and the grayscale version is **69.1990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4209, 0.3560, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **54.8531, 0.3679, 0.3064**, and if you desaturate by 10%, it is **80.1051, 0.3295, 0.3208**.

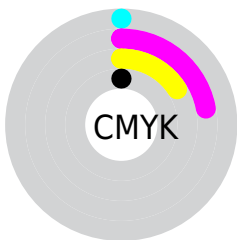
Distribution



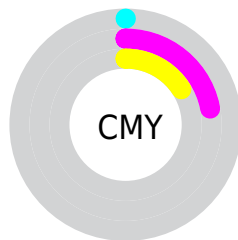
- Red (100%)
- Green (78%)
- Blue (84%)



- Red (100%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4523, 0.3468, 0.3137 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 66.4523, 0.3468, 0.3137 by changing the saturation by 10% instead.


 66.4523, 0.3468,
0.3137

 66.4523, 0.3468,
0.3137


447.9927, 0.3308,
0.3209

 48.6397, 0.3505,
0.3120


114.1353, 0.3412,
0.3162

 34.3337, 0.3552,
0.3099


144.7744, 0.3390,
0.3172

 23.1501, 0.3612,
0.3072


180.4578, 0.3371,
0.3181

 14.7044, 0.3690,
0.3036

221.5698, 0.3355,
0.3188

 8.6122, 0.3800,
0.2987

268.4950, 0.3341,
0.3194

 4.4891, 0.3962,
0.2913


321.6176, 0.3329,


 1.9507, 0.4225,


0.3200

0.2793


381.3220, 0.3317,
0.3205


 0.5786, 0.4878,
0.2503


 0.0000, 1.0000,
0.0000

 66.4523, 0.3468,
0.3137


 66.4523, 0.3468,
0.3137

 54.8531, 0.3679,
0.3064


 80.1051, 0.3295,
0.3208

 45.2341, 0.3935,
0.2994

 95.9349, 0.3156,
0.3275

 37.4751, 0.4240,
0.2932

100.0000, 0.3127,
0.3290

 31.4544, 0.4591,
0.2888

■ 27.0359, 0.4974,
0.2873

■ 24.0625, 0.5360,
0.2899

■ 22.3453, 0.5710,
0.2968

■ 21.6685, 0.5932,
0.3042

Harmonies

Analogous

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



66.4523, 0.3199, 0.2948



66.4523, 0.3468, 0.3137



66.4523, 0.3646, 0.3368

Triad

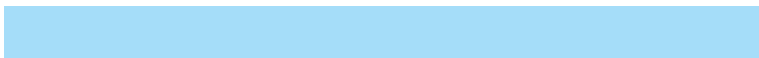
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4523, 0.3468, 0.3137



66.4523, 0.3318, 0.3785



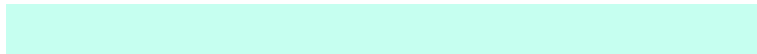
66.4523, 0.2604, 0.2957

Complementary

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



66.4523, 0.3468, 0.3137



89.8114, 0.2871, 0.3449

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.



66.4523, 0.2634, 0.3175



66.4523, 0.3468, 0.3137



66.4523, 0.3038, 0.3671

Square

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



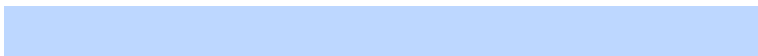
66.4523, 0.3468, 0.3137



66.4523, 0.3555, 0.3749



66.4523, 0.2789, 0.3441



66.4523, 0.2707, 0.2841

Rectangle

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



66.4523, 0.3468, 0.3137



66.4523, 0.3685, 0.3522



66.4523, 0.2789, 0.3441



66.4523, 0.2599, 0.3021

Sweetspot

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



66.4428, 0.3467, 0.3137



88.3176, 0.3217, 0.3244



66.0869, 0.3041, 0.2712



18.6990, 0.3225, 0.3240



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.



66.4428, 0.3467, 0.3137



60.8157, 0.3560, 0.3103



72.0652, 0.3558, 0.3428



18.0657, 0.3253, 0.3228



11.3430, 0.5892, 0.3019



1.1215, 0.5574, 0.2844

Inverse Universe

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



66.4428, 0.3467, 0.3137



60.8157, 0.3560, 0.3103



82.5453, 0.2784, 0.3148



18.0657, 0.3253, 0.3228



11.3430, 0.5892, 0.3019



1.1215, 0.5574, 0.2844

Previews

White Background



This preview shows how the Yxy color 66.4523, 0.3468, 0.3137 looks on a white background.

Color Contrast Check

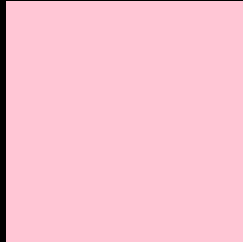
Large Text (above 18pt) WCAG AA × Fail

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 66.4523, 0.3468, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

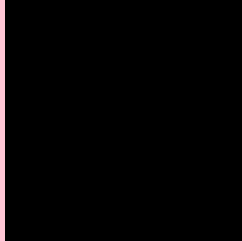
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4523, 0.3468, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 66.4523, 0.3468, 0.3137.



This preview shows how white text looks on a background with the Yxy color 66.4523, 0.3468, 0.3137.

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

66.4523, 0.3468, 0.3137

Protanopia

66.7545, 0.3088, 0.3190

Deuteranopia

66.3382, 0.3306, 0.3237



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.4523, 0.3468, 0.3137

Protanomaly

66.5106, 0.3223, 0.3171

Deuteranomaly

66.3426, 0.3365, 0.3196

Tritanomaly

66.4523, 0.3468, 0.3137

Monochromacy



Original Color

66.4523, 0.3468, 0.3137

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.0400, 0.3243, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4523, 0.3468, 0.3137 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(255, 198, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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(255, 198, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.4523, 0.3468, 0.3137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

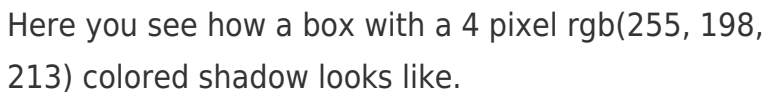
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 198, 213) }
```

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

```
.border{ border-color:rgb(255, 198, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 198, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4523, 0.3468, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 213) }
```

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

```
.background{ background-color: rgb(255,  
198, 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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