

Converting Colors

$Yxy(66.6774, 0.3637, 0.3009)$

Have a look what the booklet for
Yxy(66.6774, 0.3637, 0.3009)
contains.

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Color

Yxy(62.2362, 0.3452, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCD9
RGB	255, 188, 217
RGB Percent	100%, 74%, 85%
CMY	0.0000, 0.2628, 0.1490
CMYK	0.00, 0.26, 0.15, 0.00
HSL	334°, 100%, 87%
HSV	334°, 26%, 100%
XYZ	71.7566, 62.2362, 73.8769
YIQ	211.3390, 30.6230, 23.2230

Conversions

Conversions Part 2

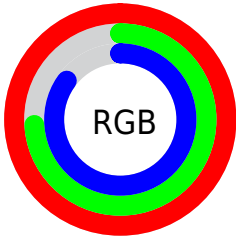
Format	Color
R _Y B	255, 188, 217
Decimal	16760025
CIE Lab	83.04, 28.39, -4.99
CIE LCh	83, 28.822, 350.036
Yxy	62.2362, 0.3452, 0.2994
Android (android.graphics.Color)	4294950105 (0xFFFFBCD9)
YUV	211.3390, 2.7909, 38.2907
Hunter-Lab	78.8899, 24.3025, -0.2995

Details

The Yxy color **62.2362, 0.3452, 0.2994** is a light color, and the websafe version is hex **FFCCFF**, and the color name is **cotton candy**. A complement of this color would be **87.7007, 0.2889, 0.3608**, and the grayscale version is **65.3389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.5291, 0.3530, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **51.5641, 0.3624, 0.2876**, and if you desaturate by 10%, it is **74.8918, 0.3308, 0.3111**.

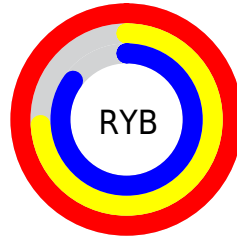
Distribution



Red (100%)

Green (74%)

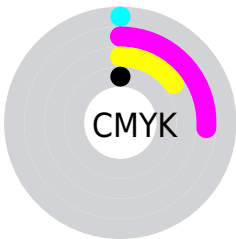
Blue (85%)



Red (100%)

Yellow (74%)

Blue (85%)

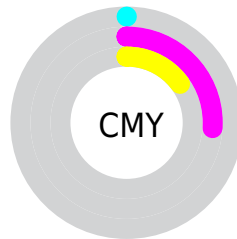


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2362, 0.3452, 0.2994 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 62.2362, 0.3452, 0.2994 by changing the saturation by 10% instead.


 62.2362, 0.3452,
0.2994

 62.2362, 0.3452,
0.2994


432.7921, 0.3299,
0.3132

 45.2236, 0.3488,
0.2962


 108.0668, 0.3398,
0.3042

 31.6336, 0.3532,
0.2923


137.6536, 0.3378,
0.3061

 21.0818, 0.3589,
0.2873


172.2006, 0.3360,
0.3077

 13.1838, 0.3664,
0.2807

212.0922, 0.3344,
0.3091

 7.5552, 0.3769,
0.2717

257.7127, 0.3331,
0.3103

 3.8117, 0.3924,
0.2586


309.4466, 0.3319,

 1.5688, 0.4176,

0.3114

0.2379


367.6783, 0.3308,
0.3123

 0.3364, 0.4935,
0.1621


 0.0000, 0.0000,
0.0000


 62.2362, 0.3452,
0.2994

 62.2362, 0.3452,
0.2994

 51.5641, 0.3624,
0.2876


 74.8918, 0.3308,
0.3111

 42.7833, 0.3829,
0.2764

 89.6371, 0.3190,
0.3223

 35.7777, 0.4066,
0.2665

100.0000, 0.3127,
0.3290

 30.4230, 0.4333,
0.2593

■ 26.5786, 0.4621,
0.2560

■ 24.0798, 0.4913,
0.2578

■ 22.7219, 0.5190,
0.2651

■ 22.3945, 0.5289,
0.2687

Harmonies

Analogous

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



62.2362, 0.3081, 0.2787



62.2362, 0.3452, 0.2994



62.2362, 0.3743, 0.3275

Triad

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



62.2362, 0.3452, 0.2994



62.2362, 0.3496, 0.3945



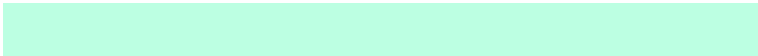
62.2362, 0.2447, 0.2941

Complementary

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



62.2362, 0.3452, 0.2994



87.7007, 0.2889, 0.3608

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.



62.2362, 0.2544, 0.3258



62.2362, 0.3452, 0.2994



62.2362, 0.3139, 0.3873

Square

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



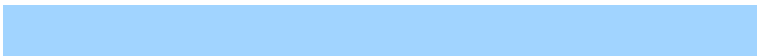
62.2362, 0.3452, 0.2994



62.2362, 0.3763, 0.3824



62.2362, 0.2792, 0.3611



62.2362, 0.2517, 0.2744

Rectangle

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



62.2362, 0.3452, 0.2994



62.2362, 0.3843, 0.3476



62.2362, 0.2792, 0.3611



62.2362, 0.2461, 0.3036

Sweetspot

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



62.2327, 0.3452, 0.2994



86.9451, 0.3209, 0.3204



59.3456, 0.2939, 0.2589



18.1177, 0.3226, 0.3188



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.



62.2327, 0.3452, 0.2994



55.8907, 0.3547, 0.2926



62.7915, 0.3682, 0.3338



18.1177, 0.3226, 0.3188



11.7302, 0.5248, 0.2665



1.1636, 0.4960, 0.2506

Inverse Universe

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



62.2327, 0.3452, 0.2994



55.8907, 0.3547, 0.2926



86.6131, 0.2737, 0.3241



18.1177, 0.3226, 0.3188



11.7302, 0.5248, 0.2665



1.1636, 0.4960, 0.2506

Previews

White Background



This preview shows how the Yxy color 62.2362, 0.3452, 0.2994 looks on a white background.

Color Contrast Check

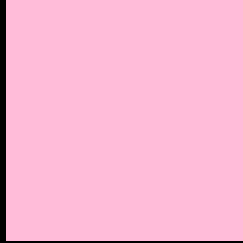
Large Text (above 18pt) WCAG AA × Fail

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 62.2362, 0.3452, 0.2994 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 62.2362, 0.3452, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 62.2362, 0.3452, 0.2994.



This preview shows how white text looks on a background with the Yxy color 62.2362, 0.3452, 0.2994.

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

62.2362, 0.3452, 0.2994

Protanopia

62.7232, 0.2970, 0.3041

Deuteranopia

62.5269, 0.3204, 0.3136



Tritanopia

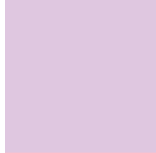
62.3055, 0.3538, 0.3136

Trichromacy



Original Color

62.2362, 0.3452, 0.2994



Protanomaly

61.9166, 0.3132, 0.3016



Deuteranomaly

62.0999, 0.3288, 0.3075



Tritanomaly

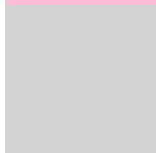
62.0695, 0.3507, 0.3084

Monochromacy



Original Color

62.2362, 0.3452, 0.2994



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.8469, 0.3240, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2362, 0.3452, 0.2994 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, 188, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 217)  
}
```

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, 188, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.2362, 0.3452, 0.2994 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, 188, 217) }
```

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

```
.border{ border-color:rgb(255, 188, 217) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2362, 0.3452, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 217) }
```

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

```
.background{ background-color: rgb(255,  
188, 217) }
```

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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