

Converting Colors

$Y_{xy}(57.0199, 0.3518, 0.2925)$

Have a look what the booklet for
Yxy(57.0199, 0.3518, 0.2925)
contains.

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Color

Yxy(57.0138, 0.3522, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0D3
RGB	255, 176, 211
RGB Percent	100%, 69%, 83%
CMY	0.0000, 0.3098, 0.1724
CMYK	0.00, 0.31, 0.17, 0.00
HSL	333°, 100%, 85%
HSV	333°, 31%, 100%
XYZ	68.5333, 57.0138, 69.0392
YIQ	203.6110, 35.8490, 27.6330

Conversions

Conversions Part 2

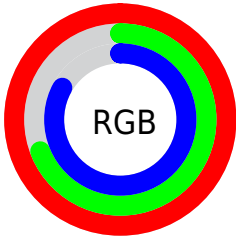
Format	Color
R _Y B	255, 176, 211
Decimal	16756947
CIE Lab	80.19, 33.76, -5.98
CIE LCh	80, 34.282, 349.954
Yxy	57.0138, 0.3522, 0.2930
Android (android.graphics.Color)	4294947027 (0xFFFFB0D3)
YUV	203.6110, 3.6428, 45.0682
Hunter-Lab	75.5075, 29.8749, -1.3558

Details

The Yxy color **57.0138, 0.3522, 0.2930** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.9141, 0.2854, 0.3683**, and the grayscale version is **60.0821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.2237, 0.3617, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **47.2531, 0.3705, 0.2811**, and if you desaturate by 10%, it is **68.7102, 0.3368, 0.3051**.

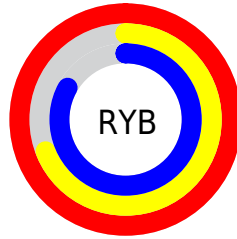
Distribution



Red (100%)

Green (69%)

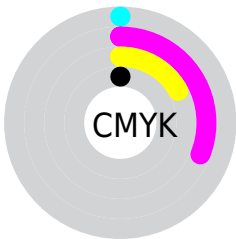
Blue (83%)



Red (100%)

Yellow (69%)

Blue (83%)

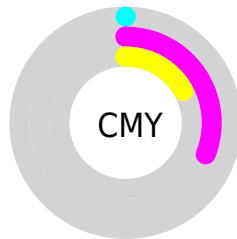


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0138, 0.3522, 0.2930 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 57.0138, 0.3522, 0.2930 by changing the saturation by 10% instead.


 57.0138, 0.3522,
0.2930

 57.0138, 0.3522,
0.2930

413.5010, 0.3334,
0.3099

 41.0163, 0.3567,
0.2891


 100.4853, 0.3455,
0.2989

 28.3318, 0.3622,
0.2842


128.7282, 0.3430,
0.3012

 18.5760, 0.3694,
0.2779


161.8216, 0.3408,
0.3032

 11.3643, 0.3790,
0.2696

200.1499, 0.3389,
0.3049

 6.3124, 0.3925,
0.2582

244.0977, 0.3373,
0.3064

 3.0360, 0.4129,
0.2413


294.0492, 0.3358,


 1.1505, 0.4467,


0.3077


0.2144


350.3888, 0.3345,
0.3089


 0.0207, 0.6465,
0.0159


 0.0000, 0.0000,
0.0000


 57.0138, 0.3522,
0.2930


 57.0138, 0.3522,
0.2930


 47.2531, 0.3705,
0.2811


 68.7102, 0.3368,
0.3051

 39.3288, 0.3920,
0.2701

 82.4489, 0.3241,
0.3168

 33.1209, 0.4167,
0.2611

 98.3191, 0.3136,
0.3279

 28.4981, 0.4439,
0.2553

100.0000, 0.3127,
0.3290

■ 25.3098, 0.4724,
0.2541

■ 23.3757, 0.5006,
0.2583

■ 22.4542, 0.5244,
0.2663

Harmonies

Analogous

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



57.0138, 0.3066, 0.2684



57.0138, 0.3522, 0.2930



57.0138, 0.3883, 0.3264

Triad

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



57.0138, 0.3522, 0.2930



57.0138, 0.3572, 0.4095



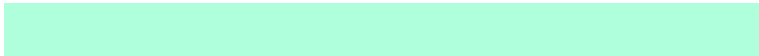
57.0138, 0.2306, 0.2858

Complementary

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



57.0138, 0.3522, 0.2930



85.9141, 0.2854, 0.3683

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.



57.0138, 0.2420, 0.3245



57.0138, 0.3522, 0.2930



57.0138, 0.3136, 0.4015

Square

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



57.0138, 0.3522, 0.2930



57.0138, 0.3903, 0.3933



57.0138, 0.2717, 0.3687



57.0138, 0.2389, 0.2626

Rectangle

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



57.0138, 0.3522, 0.2930



57.0138, 0.4006, 0.3505



57.0138, 0.2717, 0.3687



57.0138, 0.2322, 0.2973

Sweetspot

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



57.0112, 0.3522, 0.2930



85.4259, 0.3219, 0.3191



53.3958, 0.2887, 0.2450



17.8157, 0.3235, 0.3174



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.



57.0112, 0.3522, 0.2930



50.9152, 0.3628, 0.2858



57.0125, 0.3823, 0.3334



18.1209, 0.3224, 0.3185



11.7618, 0.5204, 0.2640



1.1668, 0.4920, 0.2484

Inverse Universe

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



57.0112, 0.3522, 0.2930



50.9152, 0.3628, 0.2858



85.4742, 0.2676, 0.3246



18.1209, 0.3224, 0.3185



11.7618, 0.5204, 0.2640



1.1668, 0.4920, 0.2484

Previews

White Background



This preview shows how the Yxy color 57.0138, 0.3522, 0.2930 looks on a white background.

Color Contrast Check

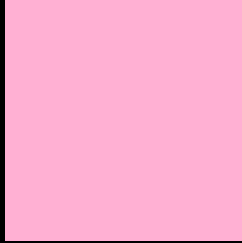
Large Text (above 18pt) WCAG AA × Fail

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 57.0138, 0.3522, 0.2930 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 57.0138, 0.3522, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 57.0138, 0.3522, 0.2930.



This preview shows how white text looks on a background with the Yxy color 57.0138, 0.3522, 0.2930.

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

57.0138, 0.3522, 0.2930

Protanopia

57.4265, 0.2916, 0.2974

Deuteranopia

57.1411, 0.3191, 0.3118



Tritanopia

56.9731, 0.3657, 0.3144

Trichromacy



Original Color

57.0138, 0.3522, 0.2930



Protanomaly

56.7459, 0.3119, 0.2952



Deuteranomaly

56.9671, 0.3312, 0.3047



Tritanomaly

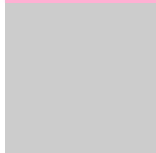
57.0818, 0.3606, 0.3062

Monochromacy



Original Color

57.0138, 0.3522, 0.2930



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.7765, 0.3263, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0138, 0.3522, 0.2930 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, 176, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 211)  
}
```

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, 176, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 211) }
```

Border

The CSS property to change the border of an element to Yxy 57.0138, 0.3522, 0.2930 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, 176, 211) }
```

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

```
.border{ border-color:rgb(255, 176, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0138, 0.3522, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 211) }
```

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

```
.background{ background-color: rgb(255,  
176, 211) }
```

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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