

Converting Colors

$Y_{xy}(60.1128, 0.3575, 0.2961)$

Have a look what the booklet for
Yxy(60.1128, 0.3575, 0.2961)
contains.

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Color

Yxy(58.2537, 0.3508, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D4
RGB	255, 179, 212
RGB Percent	100%, 70%, 83%
CMY	0.0000, 0.2980, 0.1685
CMYK	0.00, 0.30, 0.17, 0.00
HSL	334°, 100%, 85%
HSV	334°, 30%, 100%
XYZ	69.2491, 58.2537, 69.9005
YIQ	205.4860, 34.7030, 26.3750

Conversions

Conversions Part 2

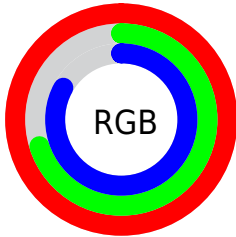
Format	Color
R _Y B	255, 179, 212
Decimal	16757716
CIE Lab	80.88, 32.33, -5.50
CIE LCh	81, 32.793, 350.348
Yxy	58.2537, 0.3508, 0.2951
Android (android.graphics.Color)	4294947796 (0xFFFFB3D4)
YUV	205.4860, 3.2114, 43.4238
Hunter-Lab	76.3241, 28.3863, -0.8731

Details

The Yxy color **58.2537, 0.3508, 0.2951** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.3758, 0.2860, 0.3658**, and the grayscale version is **61.3392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **28.9719, 0.3609, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **48.2653, 0.3691, 0.2834**, and if you desaturate by 10%, it is **70.1987, 0.3355, 0.3069**.

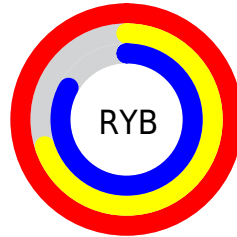
Distribution



Red (100%)

Green (70%)

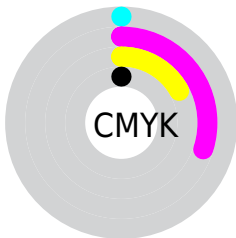
Blue (83%)



Red (100%)

Yellow (70%)

Blue (83%)

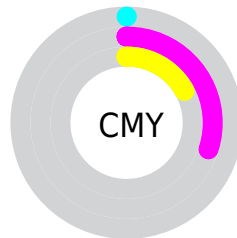


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2537, 0.3508, 0.2951 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 58.2537, 0.3508, 0.2951 by changing the saturation by 10% instead.


 58.2537, 0.3508,
0.2951

 58.2537, 0.3508,
0.2951


418.1306, 0.3327,
0.3110

 42.0126, 0.3551,
0.2914


 102.2922, 0.3444,
0.3007

 29.1112, 0.3604,
0.2868

130.8585, 0.3419,
0.3028

 19.1650, 0.3673,
0.2809


164.3019, 0.3398,
0.3047

 11.7895, 0.3765,
0.2732

203.0069, 0.3380,
0.3063

 6.6005, 0.3894,
0.2625

247.3579, 0.3364,
0.3077

 3.2136, 0.4087,
0.2467


297.7392, 0.3350,

 1.2442, 0.4407,


0.3089

0.2216

354.5353, 0.3338,
0.3100


 0.0974, 0.6002,
0.0662


 0.0000, 0.0000,
0.0000


 58.2537, 0.3508,
0.2951


 58.2537, 0.3508,
0.2951

 48.2653, 0.3691,
0.2834


 70.1987, 0.3355,
0.3069

 40.1250, 0.3906,
0.2725

 84.1956, 0.3229,
0.3184

 33.7173, 0.4154,
0.2634

100.0000, 0.3127,
0.3290

 28.9127, 0.4428,
0.2573

■ 25.5632, 0.4719,
0.2557

■ 23.4929, 0.5007,
0.2594

■ 22.4209, 0.5277,
0.2681

■ 22.4039, 0.5282,
0.2683

Harmonies

Analogous

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



58.2537, 0.3076, 0.2714



58.2537, 0.3508, 0.2951



58.2537, 0.3848, 0.3271

Triad

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



58.2537, 0.3508, 0.2951



58.2537, 0.3547, 0.4055



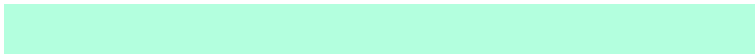
58.2537, 0.2344, 0.2877

Complementary

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



58.2537, 0.3508, 0.2951



86.3758, 0.2860, 0.3658

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.



58.2537, 0.2451, 0.3244



58.2537, 0.3508, 0.2951



58.2537, 0.3132, 0.3973

Square

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



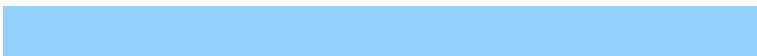
58.2537, 0.3508, 0.2951



58.2537, 0.3862, 0.3907



58.2537, 0.2733, 0.3661



58.2537, 0.2426, 0.2656

Rectangle

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



58.2537, 0.3508, 0.2951



58.2537, 0.3962, 0.3502



58.2537, 0.2733, 0.3661



58.2537, 0.2358, 0.2986

Sweetspot

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



58.2546, 0.3508, 0.2951



85.4136, 0.3220, 0.3193



54.8003, 0.2899, 0.2485



17.8127, 0.3237, 0.3176



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.



58.2546, 0.3508, 0.2951



51.8419, 0.3617, 0.2878



58.2986, 0.3787, 0.3332



18.1182, 0.3226, 0.3187



11.7352, 0.5241, 0.2661



1.1641, 0.4953, 0.2502

Inverse Universe

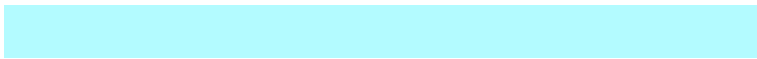
The Inverse Universe completely reimagines the original color for something new.



58.2546, 0.3508, 0.2951



51.8419, 0.3617, 0.2878



85.9229, 0.2691, 0.3248



18.1182, 0.3226, 0.3187



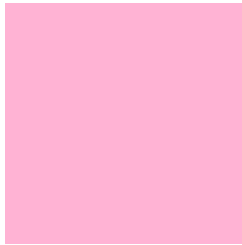
11.7352, 0.5241, 0.2661



1.1641, 0.4953, 0.2502

Previews

White Background



This preview shows how the Yxy color 58.2537, 0.3508, 0.2951 looks on a white background.

Color Contrast Check

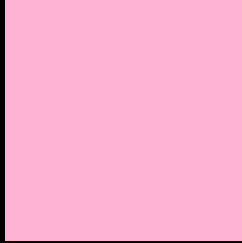
Large Text (above 18pt) WCAG AA × Fail

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 58.2537, 0.3508, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

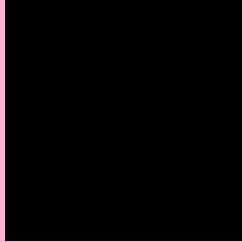
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2537, 0.3508, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 58.2537, 0.3508, 0.2951.



This preview shows how white text looks on a background with the Yxy color 58.2537, 0.3508, 0.2951.

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

58.2537, 0.3508, 0.2951

Protanopia

58.7506, 0.2938, 0.3000

Deuteranopia

58.3854, 0.3198, 0.3131



Tritanopia

58.3241, 0.3623, 0.3145

Trichromacy



Original Color

58.2537, 0.3508, 0.2951



Protanomaly

57.9266, 0.3134, 0.2977



Deuteranomaly

58.0373, 0.3310, 0.3060



Tritanomaly

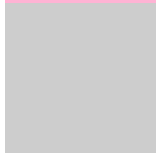
58.3828, 0.3582, 0.3073

Monochromacy



Original Color

58.2537, 0.3508, 0.2951



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.7219, 0.3253, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2537, 0.3508, 0.2951 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, 179, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 212)  
}
```

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, 179, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 212) }
```

Border

The CSS property to change the border of an element to Yxy 58.2537, 0.3508, 0.2951 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, 179, 212) }
```

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

```
.border{ border-color:rgb(255, 179, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2537, 0.3508, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 212) }
```

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

```
.background{ background-color: rgb(255,  
179, 212) }
```

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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