

Converting Colors

$Y_{xy}(58.0267, 0.3520, 0.2960)$

Have a look what the booklet for
Yxy(58.0267, 0.3520, 0.2960)
contains.

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Color

Yxy(58.2033, 0.3517, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D3
RGB	255, 179, 211
RGB Percent	100%, 70%, 83%
CMY	0.0000, 0.2981, 0.1725
CMYK	0.00, 0.30, 0.17, 0.00
HSL	335°, 100%, 85%
HSV	335°, 30%, 100%
XYZ	69.1324, 58.2033, 69.2307
YIQ	205.3720, 35.0240, 26.0640

Conversions

Conversions Part 2

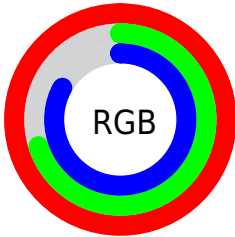
Format	Color
R _Y B	255, 179, 211
Decimal	16757715
CIE Lab	80.85, 32.20, -4.99
CIE LCh	81, 32.581, 351.184
Yxy	58.2033, 0.3517, 0.2961
Android (android.graphics.Color)	4294947795 (0xFFFFB3D3)
YUV	205.3720, 2.7746, 43.5238
Hunter-Lab	76.2911, 28.2412, -0.3992

Details

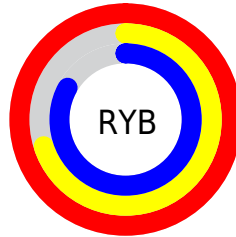
The Yxy color **58.2033, 0.3517, 0.2961** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.4272, 0.2855, 0.3647**, and the grayscale version is **61.2581, 0.3127, 0.3290**.

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 **48.1982, 0.3704, 0.2847**, and if you desaturate by 10%, it is **70.1537, 0.3360, 0.3076**.

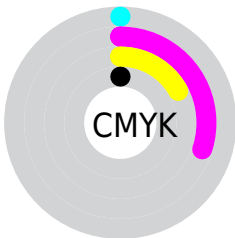
Distribution



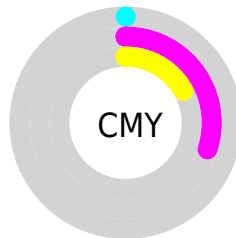
- Red (100%)
- Green (70%)
- Blue (83%)



- 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 58.2033, 0.3517, 0.2961 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 58.2033, 0.3517, 0.2961 by changing the saturation by 10% instead.


 58.2033, 0.3517,
0.2961

 58.2033, 0.3517,
0.2961

417.9430, 0.3331,
0.3116

 41.9721, 0.3561,
0.2925

 102.2189, 0.3451,
0.3015

 29.0795, 0.3616,
0.2880


130.7720, 0.3426,
0.3036

 19.1409, 0.3687,
0.2823


164.2013, 0.3405,
0.3054

 11.7722, 0.3781,
0.2747

202.8910, 0.3386,
0.3070

 6.5887, 0.3914,
0.2642

247.2257, 0.3370,
0.3083

 3.2063, 0.4113,
0.2488


297.5897, 0.3355,

 1.2403, 0.4445,


0.3096


0.2239


354.3673, 0.3343,
0.3106


 0.0943, 0.6160,
0.0663


 0.0000, 0.0000,
0.0000


 58.2033, 0.3517,
0.2961


 58.2033, 0.3517,
0.2961

 48.1982, 0.3704,
0.2847


 70.1537, 0.3360,
0.3076

 40.0509, 0.3925,
0.2741

 84.1661, 0.3231,
0.3187

 33.6389, 0.4180,
0.2653

100.0000, 0.3127,
0.3290

 28.8324, 0.4463,
0.2596

■ 25.4834, 0.4761,
0.2583

■ 23.4156, 0.5057,
0.2623

■ 22.3478, 0.5332,
0.2712

■ 22.3314, 0.5337,
0.2714

Harmonies

Analogous

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



58.2033, 0.3088, 0.2722



58.2033, 0.3517, 0.2961



58.2033, 0.3850, 0.3281

Triad

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



58.2033, 0.3517, 0.2961



58.2033, 0.3534, 0.4051



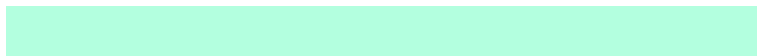
58.2033, 0.2348, 0.2872

Complementary

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



58.2033, 0.3517, 0.2961



86.4272, 0.2855, 0.3647

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.



58.2033, 0.2449, 0.3233



58.2033, 0.3517, 0.2961



58.2033, 0.3120, 0.3963

Square

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



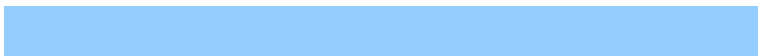
58.2033, 0.3517, 0.2961



58.2033, 0.3851, 0.3910



58.2033, 0.2725, 0.3648



58.2033, 0.2435, 0.2656

Rectangle

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



58.2033, 0.3517, 0.2961



58.2033, 0.3960, 0.3510



58.2033, 0.2725, 0.3648



58.2033, 0.2361, 0.2979

Sweetspot

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



58.1971, 0.3517, 0.2961



85.3955, 0.3222, 0.3196



54.9918, 0.2908, 0.2487



17.8082, 0.3239, 0.3180



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.



58.1971, 0.3517, 0.2961



51.7845, 0.3629, 0.2890



58.8156, 0.3784, 0.3345



18.1141, 0.3228, 0.3190



11.6969, 0.5296, 0.2691



1.1601, 0.5003, 0.2530

Inverse Universe

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



58.1971, 0.3517, 0.2961



51.7845, 0.3629, 0.2890



85.1306, 0.2690, 0.3234



18.1141, 0.3228, 0.3190



11.6969, 0.5296, 0.2691



1.1601, 0.5003, 0.2530

Previews

White Background



This preview shows how the Yxy color 58.2033, 0.3517, 0.2961 looks on a white background.

Color Contrast Check

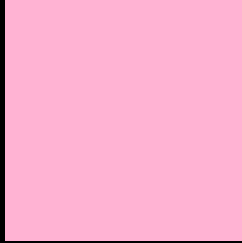
Large Text (above 18pt) WCAG AA × Fail

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 58.2033, 0.3517, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

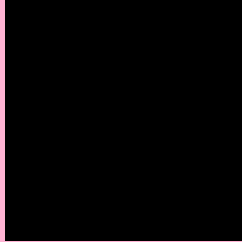
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2033, 0.3517, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 58.2033, 0.3517, 0.2961.



This preview shows how white text looks on a background with the Yxy color 58.2033, 0.3517, 0.2961.

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

58.2033, 0.3517, 0.2961

Protanopia

58.6961, 0.2945, 0.3011

Deuteranopia

58.3360, 0.3206, 0.3142



Tritanopia

58.3241, 0.3623, 0.3145

Trichromacy



Original Color

58.2033, 0.3517, 0.2961



Protanomaly

57.8738, 0.3141, 0.2988



Deuteranomaly

57.9876, 0.3318, 0.3070



Tritanomaly

58.3356, 0.3591, 0.3083

Monochromacy



Original Color

58.2033, 0.3517, 0.2961



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.6728, 0.3261, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2033, 0.3517, 0.2961 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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, 179, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 211) }
```

Border

The CSS property to change the border of an element to Yxy 58.2033, 0.3517, 0.2961 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, 211) }
```

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

```
.border{ border-color:rgb(255, 179, 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, 179, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2033, 0.3517, 0.2961 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, 211) }
```

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

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