

Converting Colors

Yxy(61.0098, 0.3491, 0.2763)

Have a look what the booklet for
Yxy(61.0098, 0.3491, 0.2763)
contains.

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Color

Yxy(58.0238, 0.3361, 0.2745)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0E6
RGB	255, 176, 230
RGB Percent	100%, 69%, 90%
CMY	0.0000, 0.3098, 0.0981
CMYK	0.00, 0.31, 0.10, 0.00
HSL	319°, 100%, 85%
HSV	319°, 31%, 100%
XYZ	71.0448, 58.0238, 82.3114
YIQ	205.7770, 29.7500, 33.5420

Conversions

Conversions Part 2

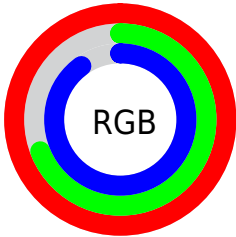
Format	Color
R _Y B	255, 176, 230
Decimal	16756966
CIE Lab	80.75, 36.73, -15.38
CIE LCh	81, 39.823, 337.284
Yxy	58.0238, 0.3361, 0.2745
Android (android.graphics.Color)	4294947046 (0xFFFFB0E6)
YUV	205.7770, 11.9419, 43.1686
Hunter-Lab	76.1734, 33.1787, -10.7462

Details

The Yxy color **58.0238, 0.3361, 0.2745** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.9642, 0.2953, 0.3907**, and the grayscale version is **61.4810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.8454, 0.3417, 0.2620** is the 20% darker color. If you saturate the color by 10%, you get **48.5047, 0.3463, 0.2568**, and if you desaturate by 10%, it is **69.4471, 0.3273, 0.2926**.

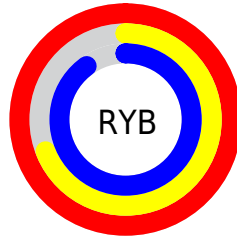
Distribution



Red (100%)

Green (69%)

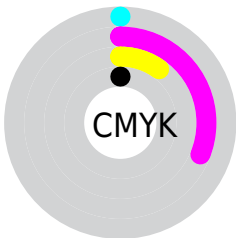
Blue (90%)



Red (100%)

Yellow (69%)

Blue (90%)

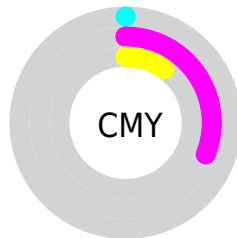


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0238, 0.3361, 0.2745 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 58.0238, 0.3361, 0.2745 by changing the saturation by 10% instead.

 58.0238, 0.3361,
0.2745

 58.0238, 0.3361,
0.2745


417.2746, 0.3254,
0.2995

 41.8278, 0.3385,
0.2689


 101.9575, 0.3324,
0.2831

 28.9665, 0.3414,
0.2619


130.4640, 0.3310,
0.2865

 19.0555, 0.3451,
0.2532


163.8428, 0.3298,
0.2894

 11.7104, 0.3499,
0.2419

202.4782, 0.3287,
0.2919

 6.5468, 0.3562,
0.2268

246.7547, 0.3277,
0.2942

 3.1803, 0.3651,
0.2055


297.0567, 0.3269,

 1.2266, 0.3783,


0.2961


0.1736

353.7685, 0.3261,
0.2979

 0.0833, 0.4376,
0.0371

 0.0000, 0.0000,
0.0000


 58.0238, 0.3361,
0.2745


 58.0238, 0.3361,
0.2745


 48.5047, 0.3463,
0.2568


 69.4471, 0.3273,
0.2926


 40.7764, 0.3577,
0.2403

 82.8643, 0.3197,
0.3103

 34.7253, 0.3703,
0.2262

 98.3686, 0.3133,
0.3274

 30.2217, 0.3838,
0.2154

 99.9985, 0.3127,
0.3290

■ 27.1166, 0.3976,
0.2091

■ 25.2313, 0.4113,
0.2078

■ 24.3254, 0.4233,
0.2105

Harmonies

Analogous

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



58.0238, 0.2841, 0.2525



58.0238, 0.3361, 0.2745



58.0238, 0.3849, 0.3087

Triad

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



58.0238, 0.3361, 0.2745



58.0238, 0.3818, 0.4166



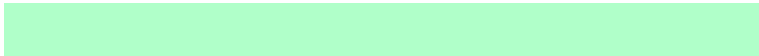
58.0238, 0.2217, 0.2956

Complementary

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



58.0238, 0.3361, 0.2745



84.9642, 0.2953, 0.3907

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.



58.0238, 0.2435, 0.3453



58.0238, 0.3361, 0.2745



58.0238, 0.3349, 0.4213

Square

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



58.0238, 0.3361, 0.2745



58.0238, 0.4113, 0.3882



58.0238, 0.2843, 0.3944



58.0238, 0.2219, 0.2613

Rectangle

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



58.0238, 0.3361, 0.2745



58.0238, 0.4069, 0.3353



58.0238, 0.2843, 0.3944



58.0238, 0.2266, 0.3110

Sweetspot

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



58.0264, 0.3361, 0.2745



85.7623, 0.3183, 0.3138



50.5136, 0.2740, 0.2415



17.8986, 0.3193, 0.3112



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.



58.0264, 0.3361, 0.2745



52.0712, 0.3421, 0.2638



56.1110, 0.3692, 0.3127



18.1968, 0.3187, 0.3129



12.7397, 0.4212, 0.2094



1.2603, 0.4068, 0.2015

Inverse Universe

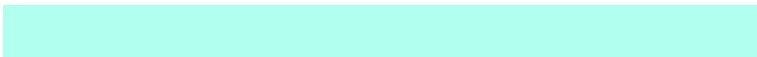
The Inverse Universe completely reimagines the original color for something new.



58.0264, 0.3361, 0.2745



52.0712, 0.3421, 0.2638



86.9902, 0.2758, 0.3463



18.1968, 0.3187, 0.3129



12.7397, 0.4212, 0.2094



1.2603, 0.4068, 0.2015

Previews

White Background



This preview shows how the Yxy color 58.0238, 0.3361, 0.2745 looks on a white background.

Color Contrast Check

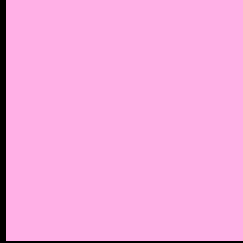
Large Text (above 18pt) WCAG AA × Fail

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 58.0238, 0.3361, 0.2745 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 58.0238, 0.3361, 0.2745

Background



This preview shows how black text looks on a background with the Yxy color 58.0238, 0.3361, 0.2745.



This preview shows how white text looks on a background with the Yxy color 58.0238, 0.3361, 0.2745.

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

58.0238, 0.3361, 0.2745

Protanopia

58.3866, 0.2754, 0.2766

Deuteranopia

58.3807, 0.3005, 0.2949



Tritanopia

57.9506, 0.3606, 0.3144

Trichromacy



Original Color

58.0238, 0.3361, 0.2745



Protanomaly

57.8490, 0.2953, 0.2751



Deuteranomaly

57.9488, 0.3131, 0.2875



Tritanomaly

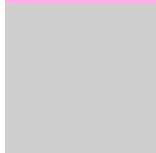
57.8920, 0.3515, 0.2999

Monochromacy



Original Color

58.0238, 0.3361, 0.2745



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.7838, 0.3209, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0238, 0.3361, 0.2745 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 230) }
```

Border

The CSS property to change the border of an element to Yxy 58.0238, 0.3361, 0.2745 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, 230) }
```

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

```
.border{ border-color:rgb(255, 176, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0238, 0.3361, 0.2745 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
176, 230) }
```

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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