

Converting Colors

$Yxy(58.9384, 0.3480, 0.2927)$

Have a look what the booklet for
Yxy(58.9384, 0.3480, 0.2927)
contains.

Yxy(58.8604, 0.3473, 0.2922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.8604, 0.3473, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4D8
RGB	255, 180, 216
RGB Percent	100%, 71%, 85%
CMY	0.0000, 0.2941, 0.1531
CMYK	0.00, 0.29, 0.15, 0.00
HSL	331°, 100%, 85%
HSV	331°, 29%, 100%
XYZ	69.9597, 58.8604, 72.6187
YIQ	206.5290, 33.1440, 27.0960

Conversions

Conversions Part 2

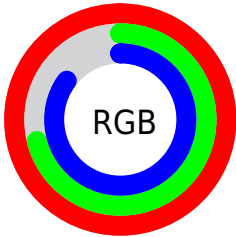
Format	Color
R _Y B	255, 180, 216
Decimal	16757976
CIE Lab	81.21, 32.42, -7.13
CIE LCh	81, 33.192, 347.598
Yxy	58.8604, 0.3473, 0.2922
Android (android.graphics.Color)	4294948056 (0xFFFFB4D8)
YUV	206.5290, 4.6692, 42.5091
Hunter-Lab	76.7205, 28.5091, -2.4157

Details

The Yxy color **58.8604, 0.3473, 0.2922** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.3390, 0.2881, 0.3692**, and the grayscale version is **62.0279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **29.3652, 0.3559, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **48.8335, 0.3639, 0.2793**, and if you desaturate by 10%, it is **70.8319, 0.3333, 0.3052**.

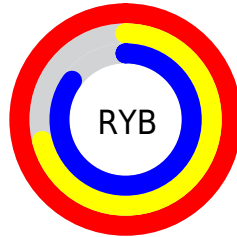
Distribution



Red (100%)

Green (71%)

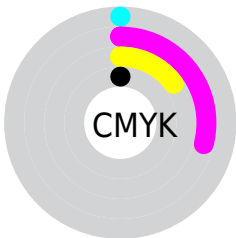
Blue (85%)



Red (100%)

Yellow (71%)

Blue (85%)

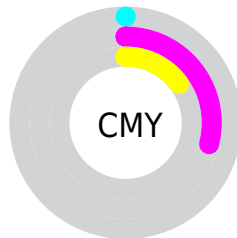


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8604, 0.3473, 0.2922 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 58.8604, 0.3473, 0.2922 by changing the saturation by 10% instead.


 58.8604, 0.3473,
0.2922

 58.8604, 0.3473,
0.2922


420.3844, 0.3309,
0.3094

 42.5008, 0.3511,
0.2882


 103.1747, 0.3416,
0.2982

 29.4936, 0.3559,
0.2833


131.8982, 0.3393,
0.3005

 19.4545, 0.3620,
0.2771


165.5118, 0.3374,
0.3025

 11.9992, 0.3702,
0.2689

204.3998, 0.3358,
0.3042

 6.7431, 0.3815,
0.2576

248.9467, 0.3344,
0.3058

 3.3020, 0.3984,
0.2413

299.5368, 0.3331,

 1.2913, 0.4259,

0.3071

0.2155

356.5546, 0.3320,
0.3083

0.1345, 0.5418,
0.0791

0.0000, 0.0000,
0.0000

58.8604, 0.3473,
0.2922

58.8604, 0.3473,
0.2922

48.8335, 0.3639,
0.2793

70.8319, 0.3333,
0.3052

40.6529, 0.3834,
0.2672

84.8523, 0.3218,
0.3178

34.2009, 0.4056,
0.2569

100.0000, 0.3127,
0.3290

29.3490, 0.4303,
0.2498

■ 25.9505, 0.4564,
0.2469

■ 23.8314, 0.4826,
0.2495

■ 22.7246, 0.5075,
0.2572

■ 22.6726, 0.5089,
0.2577

Harmonies

Analogous

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



58.8604, 0.3036, 0.2693



58.8604, 0.3473, 0.2922



58.8604, 0.3830, 0.3239

Triad

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



58.8604, 0.3473, 0.2922



58.8604, 0.3585, 0.4057



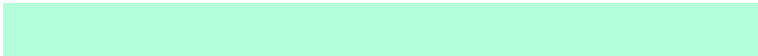
58.8604, 0.2339, 0.2902

Complementary

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



58.8604, 0.3473, 0.2922



86.3390, 0.2881, 0.3692

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.



58.8604, 0.2464, 0.3282



58.8604, 0.3473, 0.2922



58.8604, 0.3171, 0.3998

Square

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



58.8604, 0.3473, 0.2922



58.8604, 0.3889, 0.3889



58.8604, 0.2763, 0.3701



58.8604, 0.2405, 0.2664

Rectangle

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



58.8604, 0.3473, 0.2922



58.8604, 0.3960, 0.3471



58.8604, 0.2763, 0.3701



58.8604, 0.2360, 0.3016

Sweetspot

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



58.8581, 0.3473, 0.2922



85.4759, 0.3213, 0.3183



54.8830, 0.2884, 0.2492



17.8280, 0.3229, 0.3165



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.



58.8581, 0.3473, 0.2922



53.0231, 0.3562, 0.2849



57.7040, 0.3783, 0.3305



18.1322, 0.3219, 0.3177



11.8767, 0.5051, 0.2556



1.1783, 0.4786, 0.2410

Inverse Universe

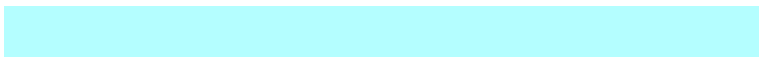
The Inverse Universe completely reimagines the original color for something new.



58.8581, 0.3473, 0.2922



53.0231, 0.3562, 0.2849



87.6481, 0.2699, 0.3275



18.1322, 0.3219, 0.3177



11.8767, 0.5051, 0.2556



1.1783, 0.4786, 0.2410

Previews

White Background



This preview shows how the Yxy color 58.8604, 0.3473, 0.2922 looks on a white background.

Color Contrast Check

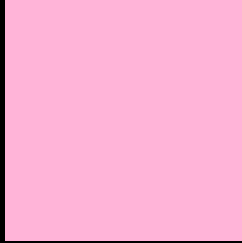
Large Text (above 18pt) WCAG AA × Fail

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 58.8604, 0.3473, 0.2922 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 58.8604, 0.3473, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 58.8604, 0.3473, 0.2922.



This preview shows how white text looks on a background with the Yxy color 58.8604, 0.3473, 0.2922.

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

58.8604, 0.3473, 0.2922

Protanopia

59.4362, 0.2912, 0.2968

Deuteranopia

59.0357, 0.3168, 0.3098



Tritanopia

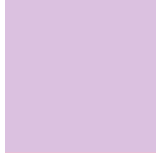
58.7808, 0.3612, 0.3145

Trichromacy



Original Color

58.8604, 0.3473, 0.2922



Protanomaly

58.5818, 0.3104, 0.2945



Deuteranomaly

58.6709, 0.3277, 0.3028



Tritanomaly

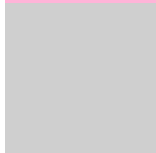
58.8864, 0.3563, 0.3063

Monochromacy



Original Color

58.8604, 0.3473, 0.2922



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.4329, 0.3245, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8604, 0.3473, 0.2922 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, 180, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 216)  
}
```

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, 180, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 216) }
```

Border

The CSS property to change the border of an element to Yxy 58.8604, 0.3473, 0.2922 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, 180, 216) }
```

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

```
.border{ border-color:rgb(255, 180, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8604, 0.3473, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 216) }
```

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

```
.background{ background-color: rgb(255,  
180, 216) }
```

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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