

Converting Colors

$Yxy(60.8726, 0.3888, 0.3304)$

Have a look what the booklet for
Yxy(60.8726, 0.3888, 0.3304)
contains.

Yxy(58.0521, 0.3772, 0.3302)	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(58.0521, 0.3772, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6B5
RGB	255, 182, 181
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2863, 0.2901
CMYK	0.00, 0.29, 0.29, 0.00
HSL	1°, 100%, 85%
HSV	1°, 29%, 100%
XYZ	66.3151, 58.0521, 51.4417
YIQ	203.7130, 43.8290, 15.1650

Conversions

Conversions Part 2

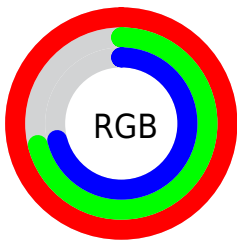
Format	Color
R _Y B	255, 182, 181
Decimal	16758453
CIE Lab	80.77, 26.36, 11.07
CIE LCh	81, 28.595, 22.780
Yxy	58.0521, 0.3772, 0.3302
Android (android.graphics.Color)	4294948533 (0xFFFFB6B5)
YUV	203.7130, -11.1975, 44.9787
Hunter-Lab	76.1919, 22.0251, 13.3042

Details

The Yxy color **58.0521, 0.3772, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9527, 0.2705, 0.3278**, and the grayscale version is **60.2440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5235, 0.3247, 0.3300**, and **29.1293, 0.3946, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **47.7006, 0.4106, 0.3307**, and if you desaturate by 10%, it is **70.4469, 0.3501, 0.3298**.

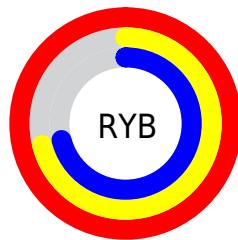
Distribution



Red (100%)

Green (71%)

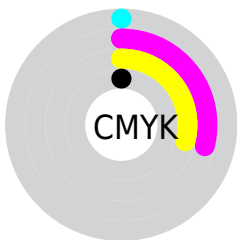
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

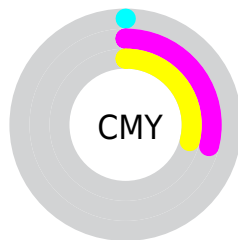


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0521, 0.3772, 0.3302 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 58.0521, 0.3772, 0.3302 by changing the saturation by 10% instead.


 58.0521, 0.3772,
0.3302

 58.0521, 0.3772,
0.3302


417.3800, 0.3458,
0.3303

 41.8505, 0.3847,
0.3300


 101.9987, 0.3660,
0.3304

 28.9843, 0.3943,
0.3296


130.5126, 0.3617,
0.3304

 19.0689, 0.4067,
0.3289


163.8993, 0.3581,
0.3304

 11.7201, 0.4234,
0.3277

202.5433, 0.3550,
0.3304

 6.5534, 0.4472,
0.3254

246.8290, 0.3523,
0.3304

 3.1844, 0.4833,
0.3205

297.1408, 0.3499,

 1.2287, 0.5527,

0.3304

0.3136

353.8630, 0.3477,
0.3304

0.0850, 0.8950,
0.1050

0.0000, 0.0000,
0.0000

58.0521, 0.3772,
0.3302

58.0521, 0.3772,
0.3302

47.7006, 0.4106,
0.3307

70.4469, 0.3501,
0.3298

39.2836, 0.4507,
0.3311

84.9873, 0.3285,
0.3293

32.6807, 0.4966,
0.3314

100.0000, 0.3127,
0.3290

27.7587, 0.5448,
0.3315

■ 24.3659, 0.5891,
0.3314

■ 22.3237, 0.6217,
0.3309

■ 21.3920, 0.6383,
0.3305

■ 21.3323, 0.6394,
0.3305

Harmonies

Analogous

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



58.0521, 0.3489, 0.3013



58.0521, 0.3772, 0.3302



58.0521, 0.3869, 0.3604

Triad

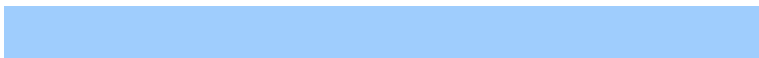
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0521, 0.3772, 0.3302



58.0521, 0.3104, 0.3865



58.0521, 0.2523, 0.2725

Complementary

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



58.0521, 0.3772, 0.3302



87.9527, 0.2705, 0.3278

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.



58.0521, 0.2437, 0.2911



58.0521, 0.3772, 0.3302



58.0521, 0.2758, 0.3585

Square

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



58.0521, 0.3772, 0.3302



58.0521, 0.3470, 0.3958



58.0521, 0.2519, 0.3224



58.0521, 0.2765, 0.2689

Rectangle

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



58.0521, 0.3772, 0.3302



58.0521, 0.3815, 0.3779



58.0521, 0.2519, 0.3224



58.0521, 0.2476, 0.2770

Sweetspot

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



58.0518, 0.3772, 0.3302



84.9993, 0.3284, 0.3293



61.5401, 0.3161, 0.2566



17.7111, 0.3313, 0.3294



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.



58.0518, 0.3772, 0.3302



51.6105, 0.3964, 0.3305



74.7481, 0.3666, 0.3671



18.0250, 0.3294, 0.3294



11.1630, 0.6392, 0.3307



1.0997, 0.6370, 0.3324

Inverse Universe

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



87.9527, 0.2705, 0.3278



86.0787, 0.2630, 0.3276



67.1981, 0.2661, 0.2876



20.4383, 0.2980, 0.3286



40.0615, 0.2236, 0.3248



3.9132, 0.2237, 0.3253

Previews

White Background



This preview shows how the Yxy color 58.0521, 0.3772, 0.3302 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 58.0521, 0.3772, 0.3302 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 58.0521, 0.3772, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 58.0521, 0.3772, 0.3302.



This preview shows how white text looks on a background with the Yxy color 58.0521, 0.3772, 0.3302.

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

58.0521, 0.3772, 0.3302

Protanopia

58.3355, 0.3249, 0.3397

Deuteranopia

58.3322, 0.3526, 0.3461



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

58.0521, 0.3772, 0.3302

Protanomaly

57.5751, 0.3430, 0.3359

Deuteranomaly

58.2993, 0.3613, 0.3402

Tritanomaly

57.9819, 0.3704, 0.3208

Monochromacy



Original Color

58.0521, 0.3772, 0.3302

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.1534, 0.3345, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0521, 0.3772, 0.3302 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, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 181)  
}
```

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, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 181) }
```

Border

The CSS property to change the border of an element to Yxy 58.0521, 0.3772, 0.3302 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, 182, 181) }
```

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

```
.border{ border-color:rgb(255, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0521, 0.3772, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 181) }
```

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

```
.background{ background-color: rgb(255,  
182, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor