

Converting Colors

Yxy(57.5568, 0.3777, 0.3299)

Have a look what the booklet for
Yxy(57.5568, 0.3777, 0.3299)
contains.

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Color

Yxy(57.6030, 0.3784, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5B4
RGB	255, 181, 180
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2902, 0.2940
CMYK	0.00, 0.29, 0.29, 0.00
HSL	1°, 100%, 85%
HSV	1°, 29%, 100%
XYZ	66.0114, 57.6030, 50.8344
YIQ	203.0120, 44.4250, 15.3770

Conversions

Conversions Part 2

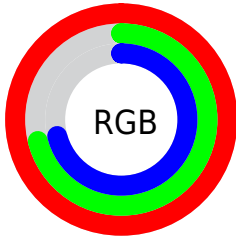
Format	Color
R _Y B	255, 181, 180
Decimal	16758196
CIE Lab	80.52, 26.77, 11.26
CIE LCh	81, 29.036, 22.809
Yxy	57.6030, 0.3784, 0.3302
Android (android.graphics.Color)	4294948276 (0xFFFFB5B4)
YUV	203.0120, -11.3449, 45.5935
Hunter-Lab	75.8966, 22.4320, 13.4161

Details

The Yxy color **57.6030, 0.3784, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.8346, 0.2700, 0.3278**, and the grayscale version is **59.7785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8845, 0.3254, 0.3300**, and **28.8410, 0.3963, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **47.3269, 0.4120, 0.3307**, and if you desaturate by 10%, it is **69.9152, 0.3511, 0.3298**.

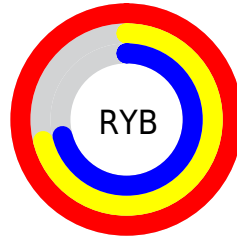
Distribution



Red (100%)

Green (71%)

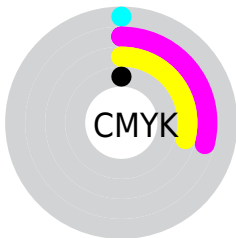
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

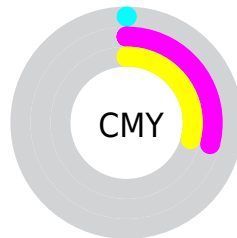


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6030, 0.3784, 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 57.6030, 0.3784, 0.3302 by changing the saturation by 10% instead.


 57.6030, 0.3784,
0.3302

 57.6030, 0.3784,
0.3302

415.7050, 0.3464,
0.3304

 41.4896, 0.3861,
0.3300


 101.3445, 0.3670,
0.3304

 28.7018, 0.3958,
0.3296


129.7414, 0.3626,
0.3304

 18.8554, 0.4085,
0.3288


163.0015, 0.3589,
0.3305

 11.5658, 0.4256,
0.3276

201.5093, 0.3557,
0.3304

 6.4488, 0.4500,
0.3251

245.6492, 0.3529,
0.3304

 3.1198, 0.4871,
0.3199

295.8055, 0.3505,

 1.1946, 0.5602,

0.3304

0.3136

352.3626, 0.3483,
0.3304

0.0573, 0.9251,
0.0749

0.0000, 0.0000,
0.0000

57.6030, 0.3784,
0.3302

57.6030, 0.3784,
0.3302

47.3269, 0.4120,
0.3307

69.9152, 0.3511,
0.3298

38.9834, 0.4524,
0.3311

84.3719, 0.3292,
0.3294

32.4497, 0.4985,
0.3314

100.0000, 0.3127,
0.3290

27.5919, 0.5467,
0.3315

■ 24.2572, 0.5906,
0.3313

■ 22.2655, 0.6227,
0.3309

■ 21.3672, 0.6387,
0.3305

■ 21.3310, 0.6395,
0.3305

Harmonies

Analogous

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



57.6030, 0.3496, 0.3009



57.6030, 0.3784, 0.3302



57.6030, 0.3883, 0.3609

Triad

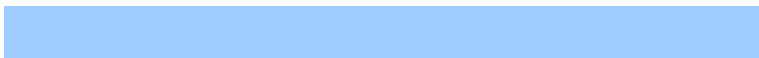
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.6030, 0.3784, 0.3302



57.6030, 0.3103, 0.3876



57.6030, 0.2513, 0.2715

Complementary

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



57.6030, 0.3784, 0.3302



87.8346, 0.2700, 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.



57.6030, 0.2425, 0.2904



57.6030, 0.3784, 0.3302



57.6030, 0.2751, 0.3590

Square

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



57.6030, 0.3784, 0.3302



57.6030, 0.3475, 0.3970



57.6030, 0.2509, 0.3222



57.6030, 0.2758, 0.2679

Rectangle

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



57.6030, 0.3784, 0.3302



57.6030, 0.3827, 0.3787



57.6030, 0.2509, 0.3222



57.6030, 0.2465, 0.2761

Sweetspot

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



57.6008, 0.3784, 0.3302



84.9964, 0.3284, 0.3293



61.1344, 0.3162, 0.2556



17.7104, 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.



57.6008, 0.3784, 0.3302



51.6030, 0.3964, 0.3305



74.4480, 0.3675, 0.3676



18.0243, 0.3294, 0.3294



11.1621, 0.6392, 0.3307



1.0994, 0.6370, 0.3324

Inverse Universe

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



87.8346, 0.2700, 0.3278



86.0915, 0.2630, 0.3276



66.8183, 0.2655, 0.2869



20.4391, 0.2980, 0.3286



40.0801, 0.2236, 0.3248



3.9148, 0.2237, 0.3253

Previews

White Background



This preview shows how the Yxy color 57.6030, 0.3784, 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 57.6030, 0.3784, 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 57.6030, 0.3784, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 57.6030, 0.3784, 0.3302.

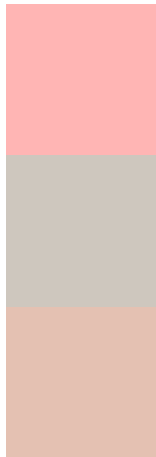


This preview shows how white text looks on a background with the Yxy color 57.6030, 0.3784, 0.3302.

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

57.6030, 0.3784, 0.3302

Protanopia

57.6864, 0.3249, 0.3397

Deuteranopia

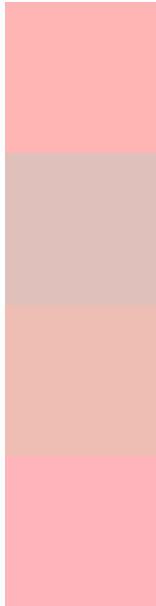
57.8483, 0.3536, 0.3461



Tritanopia

57.7528, 0.3671, 0.3156

Trichromacy



Original Color

57.6030, 0.3784, 0.3302

Protanomaly

57.0917, 0.3440, 0.3360

Deuteranomaly

57.8270, 0.3624, 0.3402

Tritanomaly

57.5334, 0.3716, 0.3208

Monochromacy



Original Color

57.6030, 0.3784, 0.3302

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.4999, 0.3346, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6030, 0.3784, 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, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 180)  
}
```

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, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 180) }
```

Border

The CSS property to change the border of an element to Yxy 57.6030, 0.3784, 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, 181, 180) }
```

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

```
.border{ border-color:rgb(255, 181, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6030, 0.3784, 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, 181, 180) }
```

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

```
.background{ background-color: rgb(255,  
181, 180) }
```

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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