

Converting Colors

$Yxy(57.0195, 0.3788, 0.3287)$

Have a look what the booklet for
Yxy(57.0195, 0.3788, 0.3287)
contains.

Yxy(57.1978, 0.3787, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.1978, 0.3787, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4B4
RGB	255, 180, 180
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2941, 0.2941
CMYK	0.00, 0.29, 0.29, 0.00
HSL	0°, 100%, 85%
HSV	0°, 29%, 100%
XYZ	65.7983, 57.1978, 50.7518
YIQ	202.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

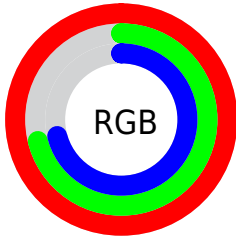
Format	Color
R _Y B	255, 180, 180
Decimal	16757940
CIE Lab	80.29, 27.27, 10.95
CIE LCh	80, 29.382, 21.878
Yxy	57.1978, 0.3787, 0.3292
Android (android.graphics.Color)	4294948020 (0xFFFFB4B4)
YUV	202.4250, -11.0555, 46.1083
Hunter-Lab	75.6292, 22.9460, 13.1533

Details

The Yxy color **57.1978, 0.3787, 0.3292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.4355, 0.2701, 0.3289**, and the grayscale version is **59.3931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3070, 0.3255, 0.3290**, and **28.5814, 0.3968, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **46.8895, 0.4126, 0.3293**, and if you desaturate by 10%, it is **69.5960, 0.3512, 0.3291**.

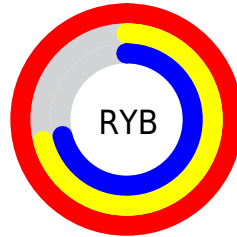
Distribution



Red (100%)

Green (71%)

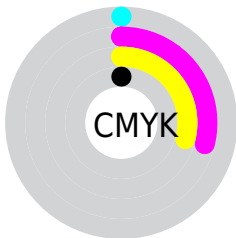
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

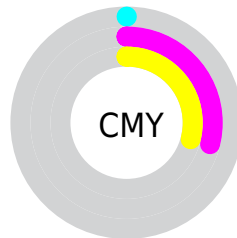


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1978, 0.3787, 0.3292 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 57.1978, 0.3787, 0.3292 by changing the saturation by 10% instead.

 57.1978, 0.3787,
0.3292

 57.1978, 0.3787,
0.3292


414.1901, 0.3465,
0.3298

 41.1641, 0.3865,
0.3289


 100.7537, 0.3672,
0.3296

 28.4473, 0.3963,
0.3283


129.0448, 0.3628,
0.3297

 18.6631, 0.4090,
0.3274


162.1903, 0.3591,
0.3297

 11.4271, 0.4263,
0.3259

200.5748, 0.3559,
0.3298

 6.3549, 0.4510,
0.3231

244.5826, 0.3531,
0.3298

 3.0621, 0.4885,
0.3174

294.5982, 0.3506,

 1.1642, 0.5631,

0.3298

0.3103

351.0059, 0.3485,
0.3298

0.0322, 0.9558,
0.0442

0.0000, 0.0000,
0.0000

57.1978, 0.3787,
0.3292

57.1978, 0.3787,
0.3292

46.8895, 0.4126,
0.3293

69.5960, 0.3512,
0.3291

38.5487, 0.4534,
0.3294

84.1818, 0.3293,
0.3291

32.0525, 0.4999,
0.3296

99.9993, 0.3127,
0.3290

27.2612, 0.5484,
0.3297

■ 24.0148, 0.5923,
0.3298

■ 22.1236, 0.6238,
0.3299

■ 21.2958, 0.6394,
0.3300

■ 21.2599, 0.6401,
0.3300

Harmonies

Analogous

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



57.1978, 0.3490, 0.2997



57.1978, 0.3787, 0.3292



57.1978, 0.3894, 0.3604

Triad

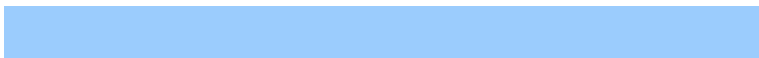
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.1978, 0.3787, 0.3292



57.1978, 0.3114, 0.3891



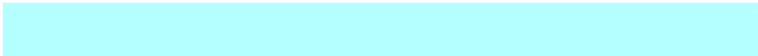
57.1978, 0.2500, 0.2710

Complementary

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



57.1978, 0.3787, 0.3292



88.4355, 0.2701, 0.3289

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.



57.1978, 0.2416, 0.2906



57.1978, 0.3787, 0.3292



57.1978, 0.2756, 0.3606

Square

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



57.1978, 0.3787, 0.3292



57.1978, 0.3491, 0.3980



57.1978, 0.2505, 0.3232



57.1978, 0.2743, 0.2670

Rectangle

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



57.1978, 0.3787, 0.3292



57.1978, 0.3841, 0.3786



57.1978, 0.2505, 0.3232



57.1978, 0.2453, 0.2759

Sweetspot

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



57.2005, 0.3787, 0.3292



84.8318, 0.3285, 0.3291



61.1217, 0.3162, 0.2556



17.6704, 0.3313, 0.3291



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.



57.2005, 0.3787, 0.3292



51.1892, 0.3968, 0.3293



74.4376, 0.3675, 0.3676



17.9874, 0.3295, 0.3291



11.1093, 0.6401, 0.3300



1.0818, 0.6400, 0.3300

Inverse Universe

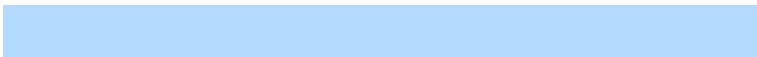
The Inverse Universe completely reimagines the original color for something new.



88.4355, 0.2701, 0.3289



86.8138, 0.2632, 0.3288



66.8061, 0.2655, 0.2869



20.4811, 0.2980, 0.3290



41.1342, 0.2246, 0.3287



4.0052, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 57.1978, 0.3787, 0.3292 looks on a white background.

Color Contrast Check

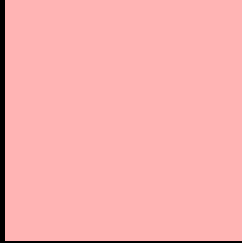
Large Text (above 18pt) WCAG AA × Fail

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 57.1978, 0.3787, 0.3292 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 57.1978, 0.3787, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 57.1978, 0.3787, 0.3292.



This preview shows how white text looks on a background with the Yxy color 57.1978, 0.3787, 0.3292.

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

57.1978, 0.3787, 0.3292

Protanopia

57.5437, 0.3241, 0.3398

Deuteranopia

57.2445, 0.3530, 0.3451



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.1978, 0.3787, 0.3292



Protanomaly

56.9324, 0.3431, 0.3360



Deuteranomaly

57.2256, 0.3618, 0.3391



Tritanomaly

57.1310, 0.3718, 0.3198

Monochromacy



Original Color

57.1978, 0.3787, 0.3292



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.8508, 0.3347, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1978, 0.3787, 0.3292 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 180) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 57.1978, 0.3787, 0.3292 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, 180) }
```

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

```
.border{ border-color:rgb(255, 180, 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, 180, 180)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 57.1978, 0.3787, 0.3292 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
180, 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](#).

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