

Converting Colors

Yxy(63.7901, 0.4041, 0.3284)

Have a look what the booklet for
Yxy(63.7901, 0.4041, 0.3284)
contains.

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Color

Yxy(57.2387, 0.3778, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4B5
RGB	255, 180, 181
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2941, 0.2901
CMYK	0.00, 0.29, 0.29, 0.00
HSL	359°, 100%, 85%
HSV	359°, 29%, 100%
XYZ	65.9091, 57.2387, 51.3072
YIQ	202.5390, 44.3790, 16.2110

Conversions

Conversions Part 2

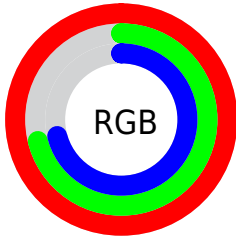
Format	Color
R _Y B	255, 180, 181
Decimal	16757941
CIE Lab	80.31, 27.42, 10.42
CIE LCh	80, 29.330, 20.819
Yxy	57.2387, 0.3778, 0.3281
Android (android.graphics.Color)	4294948021 (0xFFFFB4B5)
YUV	202.5390, -10.6187, 46.0083
Hunter-Lab	75.6563, 23.1046, 12.7511

Details

The Yxy color **57.2387, 0.3778, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3760, 0.2706, 0.3300**, and the grayscale version is **59.4633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3653, 0.3249, 0.3281**, and **28.6076, 0.3956, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **46.9313, 0.4112, 0.3278**, and if you desaturate by 10%, it is **69.6248, 0.3507, 0.3284**.

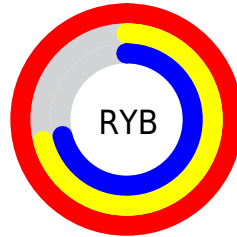
Distribution



Red (100%)

Green (71%)

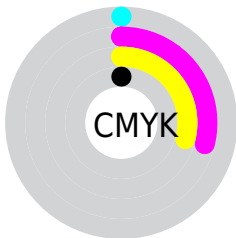
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

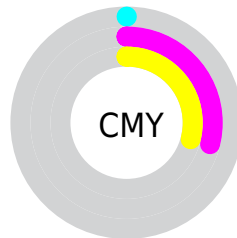


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2387, 0.3778, 0.3281 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 57.2387, 0.3778, 0.3281 by changing the saturation by 10% instead.


 57.2387, 0.3778,
0.3281

 57.2387, 0.3778,
0.3281

414.3431, 0.3461,
0.3292

 41.1969, 0.3855,
0.3276


 100.8134, 0.3665,
0.3286

 28.4730, 0.3951,
0.3270


129.1151, 0.3622,
0.3288

 18.6825, 0.4077,
0.3259


162.2722, 0.3585,
0.3289

 11.4411, 0.4248,
0.3242

200.6692, 0.3553,
0.3290

 6.3643, 0.4490,
0.3211

244.6904, 0.3526,
0.3291

 3.0679, 0.4861,
0.3152


294.7202, 0.3501,

 1.1673, 0.5581,

0.3292

0.3067


351.1429, 0.3480,
0.3292


 0.0347, 0.9529,
0.0471


 0.0000, 0.0000,
0.0000


 57.2387, 0.3778,
0.3281


 57.2387, 0.3778,
0.3281

 46.9313, 0.4112,
0.3278

 69.6248, 0.3507,
0.3284

 38.5908, 0.4514,
0.3276

 84.1970, 0.3291,
0.3287

 32.0914, 0.4973,
0.3276

100.0000, 0.3127,
0.3290

 27.2938, 0.5455,
0.3278

■ 24.0391, 0.5897,
0.3282

■ 22.1381, 0.6220,
0.3289

■ 21.3034, 0.6384,
0.3294

■ 21.2677, 0.6391,
0.3294

Harmonies

Analogous

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



57.2387, 0.3476, 0.2988



57.2387, 0.3778, 0.3281



57.2387, 0.3893, 0.3593

Triad

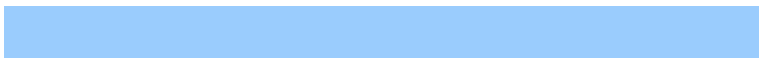
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.2387, 0.3778, 0.3281



57.2387, 0.3128, 0.3897



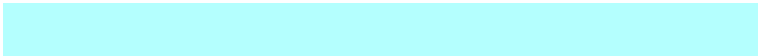
57.2387, 0.2495, 0.2716

Complementary

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



57.2387, 0.3778, 0.3281



88.3760, 0.2706, 0.3300

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.



57.2387, 0.2417, 0.2916



57.2387, 0.3778, 0.3281



57.2387, 0.2768, 0.3617

Square

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



57.2387, 0.3778, 0.3281



57.2387, 0.3503, 0.3977



57.2387, 0.2513, 0.3245



57.2387, 0.2733, 0.2670

Rectangle

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



57.2387, 0.3778, 0.3281



57.2387, 0.3845, 0.3776



57.2387, 0.2513, 0.3245



57.2387, 0.2450, 0.2766

Sweetspot

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



57.2380, 0.3778, 0.3281



84.8485, 0.3283, 0.3287



60.8842, 0.3152, 0.2553



17.6744, 0.3311, 0.3287



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.



57.2380, 0.3778, 0.3281



51.2311, 0.3956, 0.3279



73.7937, 0.3679, 0.3664



17.9912, 0.3292, 0.3287



11.1146, 0.6387, 0.3292



1.0836, 0.6353, 0.3273

Inverse Universe

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



57.2380, 0.3778, 0.3281



51.2311, 0.3956, 0.3279



67.4541, 0.2656, 0.2883



17.9912, 0.3292, 0.3287



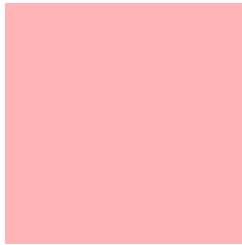
11.1146, 0.6387, 0.3292



1.0836, 0.6353, 0.3273

Previews

White Background



This preview shows how the Yxy color 57.2387, 0.3778, 0.3281 looks on a white background.

Color Contrast Check

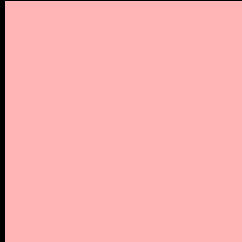
Large Text (above 18pt) WCAG AA × Fail

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 57.2387, 0.3778, 0.3281 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 57.2387, 0.3778, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 57.2387, 0.3778, 0.3281.



This preview shows how white text looks on a background with the Yxy color 57.2387, 0.3778, 0.3281.

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

57.2387, 0.3778, 0.3281

Protanopia

57.5876, 0.3234, 0.3386

Deuteranopia

57.2848, 0.3522, 0.3439



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.2387, 0.3778, 0.3281

Protanomaly

56.9751, 0.3423, 0.3348

Deuteranomaly

57.2663, 0.3609, 0.3380

Tritanomaly

57.1310, 0.3718, 0.3198

Monochromacy



Original Color

57.2387, 0.3778, 0.3281

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 57.2387, 0.3778, 0.3281 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 181) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 57.2387, 0.3778, 0.3281 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, 181) }
```

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

```
.border{ border-color:rgb(255, 180, 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, 180, 181)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 57.2387, 0.3778, 0.3281 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, 181) }
```

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

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

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