

Converting Colors

$Y_{xy}(100.0000, 0.4966, 0.3372)$

Have a look what the booklet for
Yxy(100.0000, 0.4966, 0.3372)
contains.

Yxy(57.5805, 0.3878, 0.3429)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.5805, 0.3878, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6A9
RGB	255, 182, 169
RGB Percent	100%, 71%, 66%
CMY	0.0001, 0.2862, 0.3372
CMYK	0.00, 0.29, 0.34, 0.00
HSL	9°, 100%, 83%
HSV	9°, 34%, 100%
XYZ	65.1202, 57.5805, 45.2214
YIQ	202.3450, 47.6810, 11.4330

Conversions

Conversions Part 2

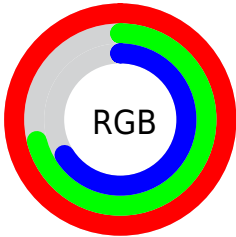
Format	Color
R _{YB}	255, 184, 169
Decimal	16758441
CIE _{Lab}	80.50, 24.82, 17.17
CIE _{LCh}	81, 30.177, 34.675
Yxy	57.5805, 0.3878, 0.3429
Android (android.graphics.Color)	4294948521 (0xFFFFB6A9)
YUV	202.3450, -16.4391, 46.1784
Hunter-Lab	75.8818, 20.3918, 17.7837

Details

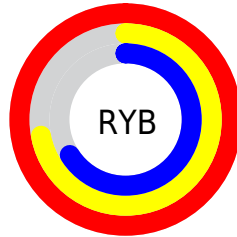
The Yxy color **57.5805, 0.3878, 0.3429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1284, 0.2629, 0.3145**, and the grayscale version is **59.3731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7909, 0.3330, 0.3429**, and **28.8552, 0.4080, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **48.5277, 0.4209, 0.3470**, and if you desaturate by 10%, it is **68.1947, 0.3601, 0.3386**.

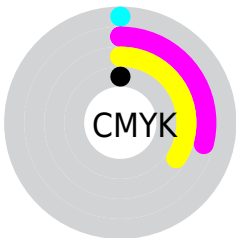
Distribution



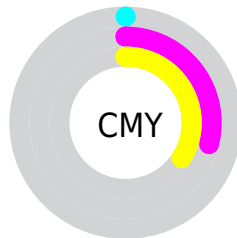
- Red (100%)
- Green (71%)
- Blue (66%)



- Red (100%)
- Yellow (72%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5805, 0.3878, 0.3429 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 57.5805, 0.3878, 0.3429 by changing the saturation by 10% instead.


 57.5805, 0.3878,
0.3429

 57.5805, 0.3878,
0.3429

415.6210, 0.3512,
0.3373

 41.4715, 0.3966,
0.3439


 101.3117, 0.3747,
0.3411

 28.6877, 0.4077,
0.3450


129.7027, 0.3698,
0.3404

 18.8447, 0.4221,
0.3462


162.9565, 0.3655,
0.3397

 11.5581, 0.4415,
0.3472

201.4575, 0.3619,
0.3391

 6.4435, 0.4688,
0.3475

245.5900, 0.3587,
0.3386

 3.1166, 0.5097,
0.3456

295.7385, 0.3559,

 1.1929, 0.6190,

0.3381

0.3611

352.2873, 0.3534,
0.3377

0.0559, 0.9218,
0.0782

0.0000, 0.0000,
0.0000

57.5805, 0.3878,
0.3429

57.5805, 0.3878,
0.3429

48.5277, 0.4209,
0.3470

68.1947, 0.3601,
0.3386

40.9546, 0.4594,
0.3504

80.4306, 0.3374,
0.3344

34.7842, 0.5022,
0.3525

94.3556, 0.3187,
0.3304

29.9295, 0.5459,
0.3523

99.9933, 0.3127,
0.3290

■ 26.2935, 0.5856,
0.3493

■ 23.7651, 0.6154,
0.3436

■ 22.6784, 0.6280,
0.3396

Harmonies

Analogous

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



57.5805, 0.3647, 0.3112



57.5805, 0.3878, 0.3429



57.5805, 0.3890, 0.3734

Triad

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



57.5805, 0.3878, 0.3429



57.5805, 0.2949, 0.3802



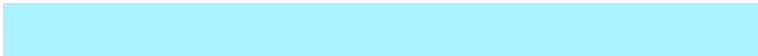
57.5805, 0.2573, 0.2660

Complementary

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



57.5805, 0.3878, 0.3429



79.1284, 0.2629, 0.3145

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.



57.5805, 0.2414, 0.2792



57.5805, 0.3878, 0.3429



57.5805, 0.2620, 0.3452

Square

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



57.5805, 0.3878, 0.3429



57.5805, 0.3339, 0.3987



57.5805, 0.2430, 0.3075



57.5805, 0.2880, 0.2684

Rectangle

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



57.5805, 0.3878, 0.3429



57.5805, 0.3775, 0.3893



57.5805, 0.2430, 0.3075



57.5805, 0.2502, 0.2686

Sweetspot

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



57.5832, 0.3878, 0.3429



85.4274, 0.3300, 0.3329



56.0474, 0.3269, 0.2564



17.8763, 0.3327, 0.3334



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.



57.5832, 0.3878, 0.3429



51.7291, 0.4080, 0.3455



77.9036, 0.3731, 0.3861



18.4308, 0.3291, 0.3327



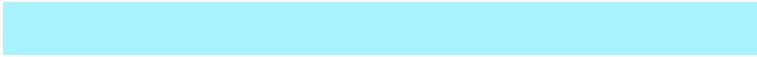
11.9854, 0.6259, 0.3412



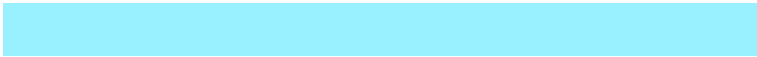
1.2912, 0.6073, 0.3560

Inverse Universe

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



79.1284, 0.2629, 0.3145



76.0518, 0.2547, 0.3113



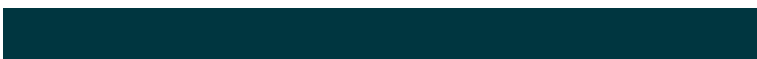
56.5433, 0.2563, 0.2642



19.9852, 0.2980, 0.3253



29.7169, 0.2111, 0.2801



3.0148, 0.2128, 0.2862

Previews

White Background



This preview shows how the Yxy color 57.5805, 0.3878, 0.3429 looks on a white background.

Color Contrast Check

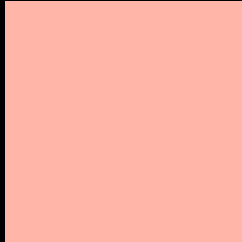
Large Text (above 18pt) WCAG AA × Fail

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 57.5805, 0.3878, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

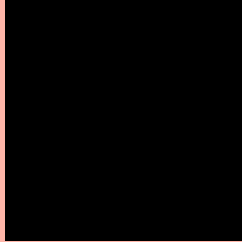
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5805, 0.3878, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 57.5805, 0.3878, 0.3429.



This preview shows how white text looks on a background with the Yxy color 57.5805, 0.3878, 0.3429.

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

57.5805, 0.3878, 0.3429

Protanopia

58.0782, 0.3363, 0.3552

Deuteranopia

57.4782, 0.3655, 0.3574



Tritanopia

57.7528, 0.3671, 0.3156

Trichromacy



Original Color

57.5805, 0.3878, 0.3429

Protanomaly

57.4038, 0.3544, 0.3497

Deuteranomaly

57.3189, 0.3737, 0.3512

Tritanomaly

57.7684, 0.3748, 0.3260

Monochromacy



Original Color

57.5805, 0.3878, 0.3429

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.1201, 0.3377, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5805, 0.3878, 0.3429 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 169) }
```

Border

The CSS property to change the border of an element to Yxy 57.5805, 0.3878, 0.3429 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, 169) }
```

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

```
.border{ border-color:rgb(255, 182, 169) }
```

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, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5805, 0.3878, 0.3429 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
182, 169) }
```

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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