

Converting Colors

$Yxy(76.5671, 0.4551, 0.3408)$

Have a look what the booklet for
Yxy(76.5671, 0.4551, 0.3408)
contains.

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Color

Yxy(57.0978, 0.3900, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5A7
RGB	255, 181, 167
RGB Percent	100%, 71%, 65%
CMY	0.0000, 0.2901, 0.3452
CMYK	0.00, 0.29, 0.35, 0.00
HSL	10°, 100%, 83%
HSV	10°, 35%, 100%
XYZ	64.7330, 57.0978, 44.1512
YIQ	201.5300, 48.5980, 11.3340

Conversions

Conversions Part 2

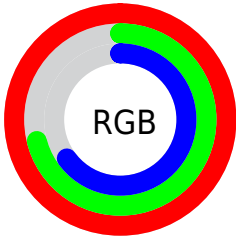
Format	Color
R _Y B	255, 184, 167
Decimal	16758183
CIE Lab	80.23, 25.11, 17.89
CIE LCh	80, 30.829, 35.470
Yxy	57.0978, 0.3900, 0.3440
Android (android.graphics.Color)	4294948263 (0xFFFFB5A7)
YUV	201.5300, -17.0233, 46.8932
Hunter-Lab	75.5631, 20.6810, 18.2513

Details

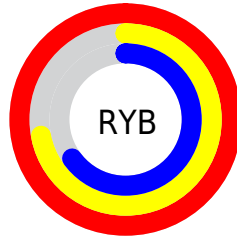
The Yxy color **57.0978, 0.3900, 0.3440** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3050, 0.2617, 0.3132**, and the grayscale version is **58.8402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1023, 0.3345, 0.3439**, and **28.4119, 0.4099, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **48.1933, 0.4233, 0.3483**, and if you desaturate by 10%, it is **67.5340, 0.3621, 0.3395**.

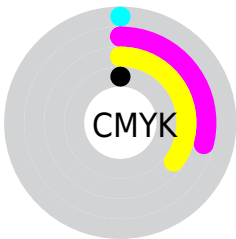
Distribution



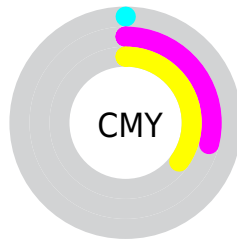
- Red (100%)
- Green (71%)
- Blue (65%)



- Red (100%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0978, 0.3900, 0.3440 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 57.0978, 0.3900, 0.3440 by changing the saturation by 10% instead.

 57.0978, 0.3900,
0.3440

 57.0978, 0.3900,
0.3440


413.8157, 0.3523,
0.3379

 41.0838, 0.3991,
0.3451


 100.6079, 0.3765,
0.3421

 28.3845, 0.4105,
0.3463


 128.8727, 0.3714,
0.3413

 18.6157, 0.4254,
0.3476


161.9899, 0.3670,
0.3406

 11.3929, 0.4454,
0.3487

200.3439, 0.3633,
0.3399

 6.3318, 0.4736,
0.3491

244.3191, 0.3600,
0.3394

 3.0479, 0.5157,
0.3470


294.2999, 0.3571,

 1.1568, 0.6343,

0.3388

0.3657


350.6706, 0.3545,
0.3384

 0.0260, 0.9609,
0.0391


 0.0000, 0.0000,
0.0000


 57.0978, 0.3900,
0.3440


 57.0978, 0.3900,
0.3440

 48.1933, 0.4233,
0.3483

 67.5340, 0.3621,
0.3395

 40.7402, 0.4620,
0.3518

 79.5609, 0.3390,
0.3350

 34.6635, 0.5046,
0.3539

 93.2444, 0.3201,
0.3308

 29.8777, 0.5480,
0.3535

99.9977, 0.3127,
0.3290

■ 26.2878, 0.5869,
0.3503

■ 23.7850, 0.6159,
0.3442

■ 22.8229, 0.6268,
0.3405

Harmonies

Analogous

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



57.0978, 0.3669, 0.3116



57.0978, 0.3900, 0.3440



57.0978, 0.3906, 0.3751

Triad

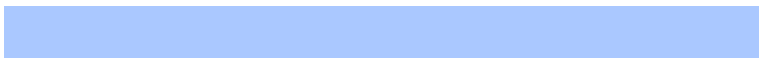
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.0978, 0.3900, 0.3440



57.0978, 0.2934, 0.3808



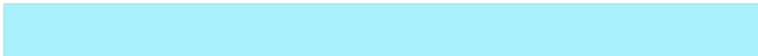
57.0978, 0.2567, 0.2644

Complementary

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



57.0978, 0.3900, 0.3440



78.3050, 0.2617, 0.3132

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.



57.0978, 0.2400, 0.2774



57.0978, 0.3900, 0.3440



57.0978, 0.2600, 0.3445

Square

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



57.0978, 0.3900, 0.3440



57.0978, 0.3333, 0.4003



57.0978, 0.2411, 0.3060



57.0978, 0.2884, 0.2673

Rectangle

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



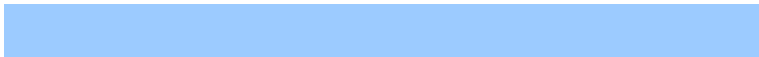
57.0978, 0.3900, 0.3440



57.0978, 0.3784, 0.3912



57.0978, 0.2411, 0.3060



57.0978, 0.2492, 0.2669

Sweetspot

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



57.1005, 0.3900, 0.3440



85.5463, 0.3300, 0.3331



55.2805, 0.3273, 0.2547



17.9048, 0.3327, 0.3337



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.



57.1005, 0.3900, 0.3440



51.1645, 0.4110, 0.3468



77.4547, 0.3747, 0.3874



18.4551, 0.3290, 0.3329



12.0642, 0.6247, 0.3422



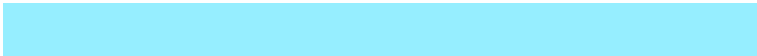
1.3025, 0.6057, 0.3572

Inverse Universe

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



78.3050, 0.2617, 0.3132



75.0779, 0.2533, 0.3098



55.7157, 0.2549, 0.2624



19.9585, 0.2980, 0.3251



29.1658, 0.2104, 0.2773



2.9662, 0.2122, 0.2838

Previews

White Background



This preview shows how the Yxy color 57.0978, 0.3900, 0.3440 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 57.0978, 0.3900, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

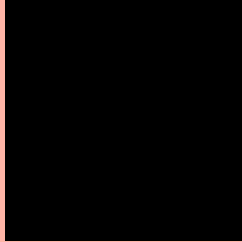
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0978, 0.3900, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 57.0978, 0.3900, 0.3440.



This preview shows how white text looks on a background with the Yxy color 57.0978, 0.3900, 0.3440.

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

57.0978, 0.3900, 0.3440

Protanopia

57.3913, 0.3372, 0.3566

Deuteranopia

57.4048, 0.3672, 0.3597



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.0978, 0.3900, 0.3440

Protanomaly

56.7240, 0.3554, 0.3510

Deuteranomaly

57.2449, 0.3754, 0.3534

Tritanomaly

57.2799, 0.3769, 0.3271

Monochromacy



Original Color

57.0978, 0.3900, 0.3440

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.6298, 0.3387, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0978, 0.3900, 0.3440 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 167) }
```

Border

The CSS property to change the border of an element to Yxy 57.0978, 0.3900, 0.3440 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, 167) }
```

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

```
.border{ border-color:rgb(255, 181, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0978, 0.3900, 0.3440 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
181, 167) }
```

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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