

Converting Colors

$Y_{xy}(60.0242, 0.3970, 0.3395)$

Have a look what the booklet for
Yxy(60.0242, 0.3970, 0.3395)
contains.

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Color

Yxy(57.6562, 0.3861, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6AB
RGB	255, 182, 171
RGB Percent	100%, 71%, 67%
CMY	0.0000, 0.2863, 0.3295
CMYK	0.00, 0.29, 0.33, 0.00
HSL	8°, 100%, 84%
HSV	8°, 33%, 100%
XYZ	65.3200, 57.6562, 46.2028
YIQ	202.5730, 47.0390, 12.0550

Conversions

Conversions Part 2

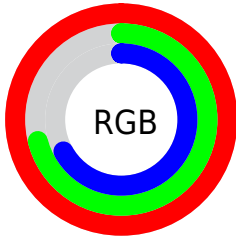
Format	Color
R _Y B	255, 184, 171
Decimal	16758443
CIE Lab	80.55, 25.09, 16.17
CIE LCh	81, 29.846, 32.805
Yxy	57.6562, 0.3861, 0.3408
Android (android.graphics.Color)	4294948523 (0xFFFFB6AB)
YUV	202.5730, -15.5655, 45.9785
Hunter-Lab	75.9317, 20.6737, 17.0755

Details

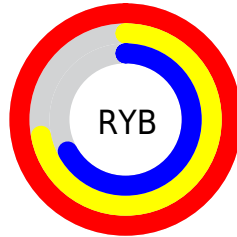
The Yxy color **57.6562, 0.3861, 0.3408** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5620, 0.2641, 0.3167**, and the grayscale version is **59.5155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9001, 0.3317, 0.3409**, and **28.9027, 0.4056, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **48.4086, 0.4193, 0.3444**, and if you desaturate by 10%, it is **68.5280, 0.3585, 0.3371**.

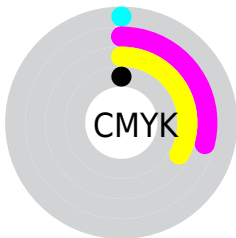
Distribution



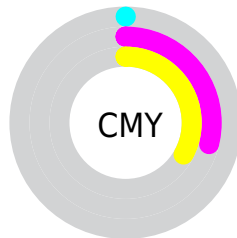
- Red (100%)
- Green (71%)
- Blue (67%)



- Red (100%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6562, 0.3861, 0.3408 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 57.6562, 0.3861, 0.3408 by changing the saturation by 10% instead.


 57.6562, 0.3861,
0.3408

 57.6562, 0.3861,
0.3408


415.9036, 0.3503,
0.3361

 41.5323, 0.3947,
0.3416


 101.4220, 0.3733,
0.3394

 28.7353, 0.4056,
0.3425


129.8328, 0.3685,
0.3388

 18.8806, 0.4197,
0.3433


163.1079, 0.3643,
0.3382

 11.5841, 0.4386,
0.3440

201.6319, 0.3608,
0.3377

 6.4611, 0.4654,
0.3439

245.7890, 0.3576,
0.3373

 3.1275, 0.5057,
0.3415

295.9638, 0.3549,

 1.1986, 0.6065,

0.3368

0.3521

352.5405, 0.3525,
0.3365

0.0606, 0.9171,
0.0829

0.0000, 0.0000,
0.0000

57.6562, 0.3861,
0.3408

57.6562, 0.3861,
0.3408

48.4086, 0.4193,
0.3444

68.5280, 0.3585,
0.3371

40.7052, 0.4581,
0.3474

81.0951, 0.3359,
0.3334

34.4621, 0.5013,
0.3492

95.4265, 0.3175,
0.3300

29.5863, 0.5459,
0.3491

100.0000, 0.3127,
0.3290

■ 25.9741, 0.5864,
0.3465

■ 23.5068, 0.6168,
0.3415

■ 22.3734, 0.6306,
0.3375

Harmonies

Analogous

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



57.6562, 0.3621, 0.3096



57.6562, 0.3861, 0.3408



57.6562, 0.3887, 0.3713

Triad

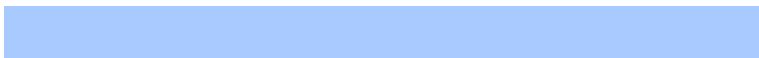
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.6562, 0.3861, 0.3408



57.6562, 0.2974, 0.3813



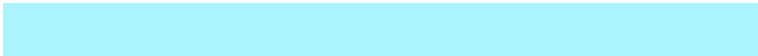
57.6562, 0.2565, 0.2670

Complementary

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



57.6562, 0.3861, 0.3408



80.5620, 0.2641, 0.3167

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.



57.6562, 0.2418, 0.2811



57.6562, 0.3861, 0.3408



57.6562, 0.2642, 0.3474

Square

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



57.6562, 0.3861, 0.3408



57.6562, 0.3361, 0.3983



57.6562, 0.2444, 0.3099



57.6562, 0.2861, 0.2685

Rectangle

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



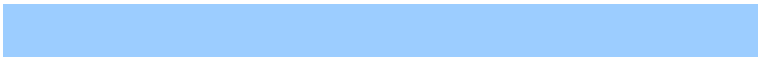
57.6562, 0.3861, 0.3408



57.6562, 0.3782, 0.3874



57.6562, 0.2444, 0.3099



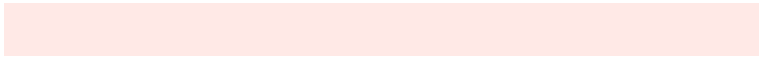
57.6562, 0.2497, 0.2699

Sweetspot

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



57.6568, 0.3861, 0.3408



85.1358, 0.3301, 0.3324



56.9824, 0.3242, 0.2555



17.8063, 0.3328, 0.3329



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.



57.6568, 0.3861, 0.3408



50.9721, 0.4089, 0.3434



76.8637, 0.3724, 0.3820



18.3711, 0.3291, 0.3322



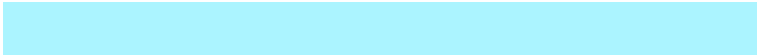
11.8081, 0.6287, 0.3390



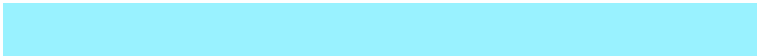
1.2632, 0.6113, 0.3528

Inverse Universe

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



80.5620, 0.2641, 0.3167



77.2684, 0.2551, 0.3137



58.6757, 0.2581, 0.2693



20.0508, 0.2980, 0.3258



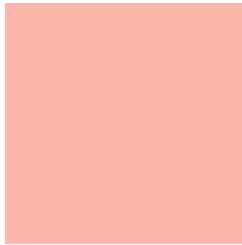
31.1016, 0.2130, 0.2869



3.1364, 0.2145, 0.2921

Previews

White Background



This preview shows how the Yxy color 57.6562, 0.3861, 0.3408 looks on a white background.

Color Contrast Check

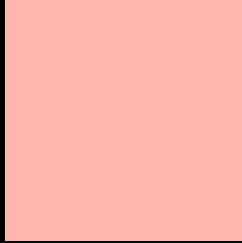
Large Text (above 18pt) WCAG AA × Fail

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 57.6562, 0.3861, 0.3408 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 57.6562, 0.3861, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 57.6562, 0.3861, 0.3408.



This preview shows how white text looks on a background with the Yxy color 57.6562, 0.3861, 0.3408.

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

57.6562, 0.3861, 0.3408

Protanopia

58.1592, 0.3348, 0.3528

Deuteranopia

57.9934, 0.3636, 0.3562



Tritanopia

57.7528, 0.3671, 0.3156

Trichromacy



Original Color

57.6562, 0.3861, 0.3408

Protanomaly

57.4830, 0.3528, 0.3474

Deuteranomaly

57.8227, 0.3717, 0.3501

Tritanomaly

57.8105, 0.3740, 0.3250

Monochromacy



Original Color

57.6562, 0.3861, 0.3408

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.3214, 0.3378, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6562, 0.3861, 0.3408 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 171) }
```

Border

The CSS property to change the border of an element to Yxy 57.6562, 0.3861, 0.3408 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, 171) }
```

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

```
.border{ border-color:rgb(255, 182, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6562, 0.3861, 0.3408 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, 171) }
```

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

```
.background{ background-color: rgb(255,  
182, 171) }
```

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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