

Converting Colors

Yxy(57.2804, 0.3840, 0.3459)

Have a look what the booklet for
Yxy(57.2804, 0.3840, 0.3459)
contains.

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Color

Yxy(57.4321, 0.3837, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	FAB8A8
RGB	250, 184, 168
RGB Percent	98%, 72%, 66%
CMY	0.0196, 0.2784, 0.3412
CMYK	0.00, 0.26, 0.33, 0.02
HSL	12°, 89%, 82%
HSV	12°, 33%, 98%
XYZ	63.6347, 57.4321, 44.7781
YIQ	201.9100, 44.4720, 9.0160

Conversions

Conversions Part 2

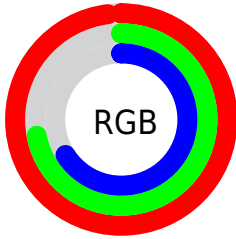
Format	Color
R _Y B	250, 188, 168
Decimal	16431272
CIE Lab	80.42, 21.80, 17.51
CIE LCh	80, 27.963, 38.783
Yxy	57.4321, 0.3837, 0.3463
Android (android.graphics.Color)	4294621352 (0xFFFAB8A8)
YUV	201.9100, -16.7176, 42.1749
Hunter-Lab	75.7840, 17.2619, 18.0164

Details

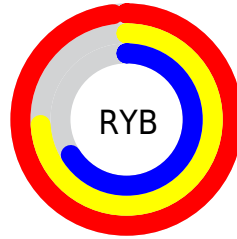
The Yxy color **57.4321, 0.3837, 0.3463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0775, 0.2636, 0.3108**, and the grayscale version is **59.0909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9079, 0.3334, 0.3458**, and **28.7000, 0.4024, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **48.8166, 0.4152, 0.3516**, and if you desaturate by 10%, it is **67.4213, 0.3572, 0.3408**.

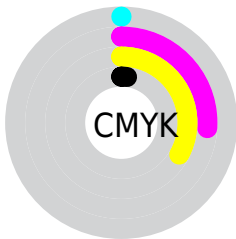
Distribution



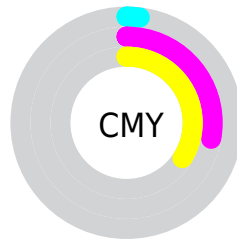
- Red (98%)
- Green (72%)
- Blue (66%)



- Red (98%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (2%)





- Cyan (2%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4321, 0.3837, 0.3463 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 57.4321, 0.3837, 0.3463 by changing the saturation by 10% instead.

 57.4321, 0.3837,
0.3463

 57.4321, 0.3837,
0.3463

415.0665, 0.3491,
0.3389

 41.3523, 0.3920,
0.3478

 101.0954, 0.3713,
0.3439

 28.5944, 0.4025,
0.3494


 129.4477, 0.3666,
0.3429

 18.7742, 0.4162,
0.3513


162.6595, 0.3626,
0.3421

 11.5073, 0.4345,
0.3534

201.1153, 0.3592,
0.3413

 6.4091, 0.4604,
0.3552

245.1996, 0.3562,
0.3406

 3.0954, 0.4992,
0.3556

295.2966, 0.3535,

 1.1817, 0.6102,

0.3400

0.3796

351.7907, 0.3512,
0.3395

0.0467, 0.9250,
0.0750

0.0000, 0.0000,
0.0000

57.4321, 0.3837,
0.3463

57.4321, 0.3837,
0.3463

48.8166, 0.4152,
0.3516

67.4213, 0.3572,
0.3408

41.5065, 0.4517,
0.3562

78.8325, 0.3353,
0.3354

35.4396, 0.4923,
0.3593

91.7218, 0.3172,
0.3304

30.5453, 0.5345,
0.3598

99.0653, 0.3096,
0.3290

■ 26.7460, 0.5738,
0.3570

■ 23.9536, 0.6051,
0.3507

■ 22.5035, 0.6211,
0.3450

Harmonies

Analogous

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



57.4321, 0.3649, 0.3165



57.4321, 0.3837, 0.3463



57.4321, 0.3820, 0.3739

Triad

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



57.4321, 0.3837, 0.3463



57.4321, 0.2915, 0.3725



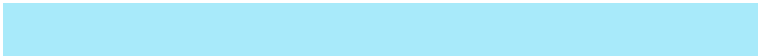
57.4321, 0.2644, 0.2697

Complementary

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



57.4321, 0.3837, 0.3463



74.0775, 0.2636, 0.3108

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.



57.4321, 0.2474, 0.2803



57.4321, 0.3837, 0.3463



57.4321, 0.2623, 0.3392

Square

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



57.4321, 0.3837, 0.3463



57.4321, 0.3276, 0.3922



57.4321, 0.2466, 0.3050



57.4321, 0.2946, 0.2739

Rectangle

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



57.4321, 0.3837, 0.3463



57.4321, 0.3698, 0.3874



57.4321, 0.2466, 0.3050



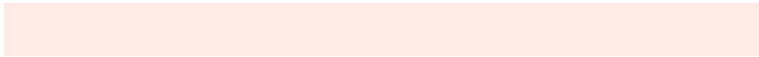
57.4321, 0.2570, 0.2716

Sweetspot

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



57.4348, 0.3837, 0.3463



86.0618, 0.3299, 0.3340



54.3283, 0.3286, 0.2609



18.0286, 0.3326, 0.3347



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.



57.4348, 0.3837, 0.3463



54.2871, 0.4027, 0.3497



76.4850, 0.3702, 0.3871



17.7733, 0.3289, 0.3337



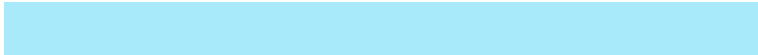
12.0923, 0.6187, 0.3469



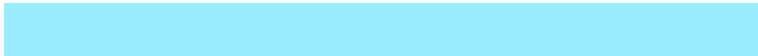
1.2600, 0.5973, 0.3640

Inverse Universe

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



74.0775, 0.2636, 0.3108



74.0017, 0.2552, 0.3068



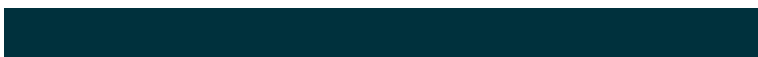
53.7984, 0.2576, 0.2630



18.9992, 0.2980, 0.3243



26.0794, 0.2070, 0.2651



2.5574, 0.2093, 0.2736

Previews

White Background



This preview shows how the Yxy color 57.4321, 0.3837, 0.3463 looks on a white background.

Color Contrast Check

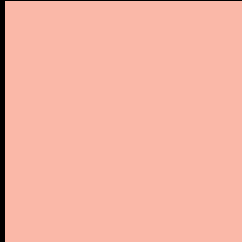
Large Text (above 18pt) WCAG AA × Fail

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 57.4321, 0.3837, 0.3463 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 57.4321, 0.3837, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 57.4321, 0.3837, 0.3463.



This preview shows how white text looks on a background with the Yxy color 57.4321, 0.3837, 0.3463.

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

57.4321, 0.3837, 0.3463

Protanopia

57.5367, 0.3380, 0.3565

Deuteranopia

57.4414, 0.3663, 0.3586



Tritanopia

57.4202, 0.3645, 0.3145

Trichromacy



Original Color

57.4321, 0.3837, 0.3463

Protanomaly

57.4480, 0.3541, 0.3533

Deuteranomaly

57.3624, 0.3725, 0.3536

Tritanomaly

57.2460, 0.3714, 0.3249

Monochromacy



Original Color

57.4321, 0.3837, 0.3463

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.8080, 0.3361, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4321, 0.3837, 0.3463 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(250, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 184, 168)  
}
```

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(250, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 184, 168) }
```

Border

The CSS property to change the border of an element to Yxy 57.4321, 0.3837, 0.3463 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(250, 184, 168) }
```

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

```
.border{ border-color:rgb(250, 184, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 184,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4321, 0.3837, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 184, 168) }
```

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

```
.background{ background-color: rgb(250,  
184, 168) }
```

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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