

Converting Colors

Yxy(57.1710, 0.3825, 0.3468)

Have a look what the booklet for
Yxy(57.1710, 0.3825, 0.3468)
contains.

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Color

Yxy(57.0646, 0.3820, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	F8B8A8
RGB	248, 184, 168
RGB Percent	97%, 72%, 66%
CMY	0.0273, 0.2785, 0.3412
CMYK	0.00, 0.26, 0.32, 0.03
HSL	12°, 85%, 82%
HSV	12°, 32%, 97%
XYZ	62.9292, 57.0646, 44.7423
YIQ	201.3120, 43.2800, 8.5920

Conversions

Conversions Part 2

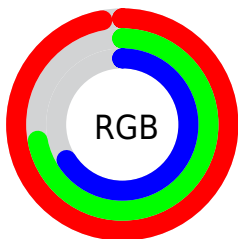
Format	Color
RYB	248, 188, 168
Decimal	16300200
CIELab	80.22, 21.06, 17.20
CIElCh	80, 27.193, 39.233
Yxy	57.0646, 0.3820, 0.3464
Android (android.graphics.Color)	4294490280 (0xFFF8B8A8)
YUV	201.3120, -16.4228, 40.9454
Hunter-Lab	75.5411, 16.5017, 17.7618

Details

The Yxy color **57.0646, 0.3820, 0.3464** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8429, 0.2643, 0.3107**, and the grayscale version is **58.6985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9079, 0.3334, 0.3458**, and **28.4407, 0.4001, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **48.5542, 0.4131, 0.3519**, and if you desaturate by 10%, it is **66.9135, 0.3559, 0.3408**.

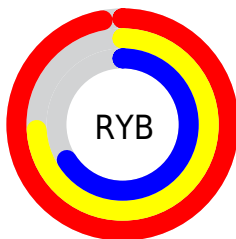
Distribution



Red (97%)

Green (72%)

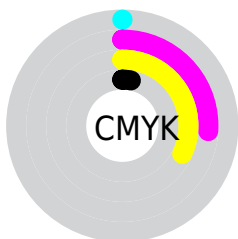
Blue (66%)



Red (97%)

Yellow (74%)

Blue (66%)

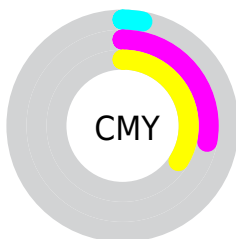


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (3%)



Cyan (3%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0646, 0.3820, 0.3464 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 57.0646, 0.3820, 0.3464 by changing the saturation by 10% instead.


 57.0646, 0.3820,
0.3464


 57.0646, 0.3820,
0.3464


413.6913, 0.3482,
0.3389

 41.0571, 0.3901,
0.3479


 100.5594, 0.3699,
0.3440

 28.3637, 0.4004,
0.3496


 128.8156, 0.3653,
0.3430

 18.6000, 0.4138,
0.3516


161.9234, 0.3614,
0.3421

 11.3816, 0.4318,
0.3538

200.2673, 0.3580,
0.3413

 6.3241, 0.4573,
0.3559

244.2316, 0.3551,
0.3406

 3.0432, 0.4956,
0.3567

294.2008, 0.3525,

 1.1543, 0.6076,

0.3400

0.3828

350.5592, 0.3502,
0.3394

0.0239, 0.9574,
0.0426

0.0000, 0.0000,
0.0000

57.0646, 0.3820,
0.3464

57.0646, 0.3820,
0.3464

48.5542, 0.4131,
0.3519

66.9135, 0.3559,
0.3408

41.3164, 0.4492,
0.3566

78.1473, 0.3342,
0.3353

35.2915, 0.4894,
0.3599

90.8200, 0.3163,
0.3301

30.4118, 0.5314,
0.3607

98.7032, 0.3084,
0.3290

■ 26.6027, 0.5708,
0.3581

■ 23.7803, 0.6027,
0.3519

■ 22.2068, 0.6203,
0.3457

Harmonies

Analogous

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



57.0646, 0.3639, 0.3172



57.0646, 0.3820, 0.3464



57.0646, 0.3801, 0.3732

Triad

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



57.0646, 0.3820, 0.3464



57.0646, 0.2916, 0.3709



57.0646, 0.2659, 0.2711

Complementary

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



57.0646, 0.3820, 0.3464



72.8429, 0.2643, 0.3107

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.



57.0646, 0.2491, 0.2812



57.0646, 0.3820, 0.3464



57.0646, 0.2632, 0.3385

Square

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



57.0646, 0.3820, 0.3464



57.0646, 0.3268, 0.3904



57.0646, 0.2481, 0.3052



57.0646, 0.2956, 0.2753

Rectangle

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



57.0646, 0.3820, 0.3464



57.0646, 0.3680, 0.3862



57.0646, 0.2481, 0.3052



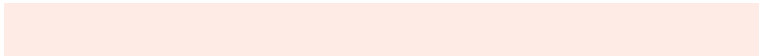
57.0646, 0.2587, 0.2729

Sweetspot

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



57.0673, 0.3820, 0.3464



86.1301, 0.3299, 0.3341



53.8720, 0.3283, 0.2621



18.0450, 0.3326, 0.3348



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.



57.0673, 0.3820, 0.3464



54.4689, 0.4025, 0.3502



75.4009, 0.3692, 0.3861



17.7866, 0.3289, 0.3338



12.1478, 0.6179, 0.3476



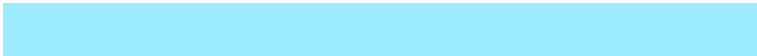
1.2670, 0.5963, 0.3648

Inverse Universe

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



72.8429, 0.2643, 0.3107



73.7341, 0.2551, 0.3063



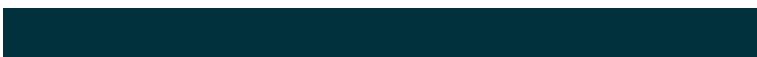
53.3966, 0.2586, 0.2643



18.9848, 0.2980, 0.3241



25.7935, 0.2065, 0.2635



2.5334, 0.2089, 0.2722

Previews

White Background



This preview shows how the Yxy color 57.0646, 0.3820, 0.3464 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 57.0646, 0.3820, 0.3464 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 57.0646, 0.3820, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 57.0646, 0.3820, 0.3464.



This preview shows how white text looks on a background with the Yxy color 57.0646, 0.3820, 0.3464.

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

57.0646, 0.3820, 0.3464

Protanopia

57.3519, 0.3380, 0.3578

Deuteranopia

57.3123, 0.3647, 0.3575



Tritanopia

57.0468, 0.3628, 0.3144

Trichromacy



Original Color

57.0646, 0.3820, 0.3464

Protanomaly

57.2501, 0.3540, 0.3545

Deuteranomaly

57.1897, 0.3716, 0.3536

Tritanomaly

56.8745, 0.3696, 0.3249

Monochromacy



Original Color

57.0646, 0.3820, 0.3464

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.6098, 0.3360, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0646, 0.3820, 0.3464 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(248, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 184, 168) }
```

Border

The CSS property to change the border of an element to Yxy 57.0646, 0.3820, 0.3464 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(248, 184, 168) }
```

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

```
.border{ border-color:rgb(248, 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(248, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(248, 184,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0646, 0.3820, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 184, 168) }
```

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

```
.background{ background-color: rgb(248,  
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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