

Converting Colors

Yxy(64.0658, 0.3825, 0.3584)

Have a look what the booklet for
Yxy(64.0658, 0.3825, 0.3584)
contains.

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Color

Yxy(64.0571, 0.3825, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5A9
RGB	255, 197, 169
RGB Percent	100%, 77%, 66%
CMY	0.0001, 0.2274, 0.3372
CMYK	0.00, 0.23, 0.34, 0.00
HSL	20°, 100%, 83%
HSV	20°, 34%, 100%
XYZ	68.3645, 64.0571, 46.3091
YIQ	211.1500, 43.5560, 3.5880

Conversions

Conversions Part 2

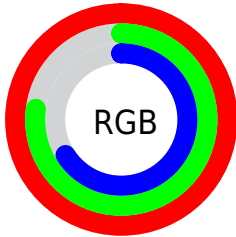
Format	Color
R _Y B	255, 211, 169
Decimal	16762281
CIE Lab	84.00, 16.97, 22.00
CIE LCh	84, 27.787, 52.348
Yxy	64.0571, 0.3825, 0.3584
Android (android.graphics.Color)	4294952361 (0xFFFFC5A9)
YUV	211.1500, -20.7799, 38.4565
Hunter-Lab	80.0357, 12.4079, 21.7194

Details

The Yxy color **64.0571, 0.3825, 0.3584** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.5924, 0.2606, 0.2973**, and the grayscale version is **65.3663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5254, 0.3311, 0.3582**, and **32.7996, 0.4001, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **55.8240, 0.4112, 0.3672**, and if you desaturate by 10%, it is **73.3739, 0.3577, 0.3493**.

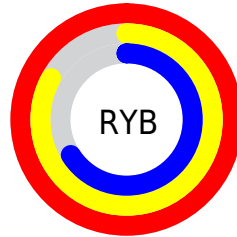
Distribution



Red (100%)

Green (77%)

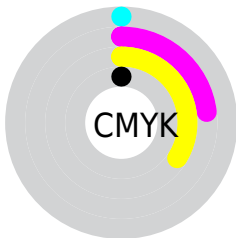
Blue (66%)



Red (100%)

Yellow (83%)

Blue (66%)

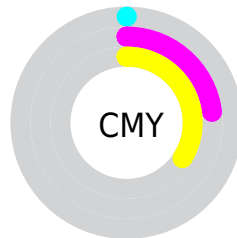


Cyan (0%)

Magenta (23%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0571, 0.3825, 0.3584 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 64.0571, 0.3825, 0.3584 by changing the saturation by 10% instead.


 64.0571, 0.3825,
0.3584

 64.0571, 0.3825,
0.3584


439.3958, 0.3492,
0.3455

 46.6969, 0.3903,
0.3611


 110.6932, 0.3708,
0.3541

 32.7961, 0.4000,
0.3644


140.7378, 0.3663,
0.3523

 21.9703, 0.4125,
0.3683


175.7795, 0.3624,
0.3508

 13.8351, 0.4289,
0.3729

216.2025, 0.3590,
0.3495

 8.0061, 0.4515,
0.3784

262.3912, 0.3561,
0.3483

 4.0988, 0.4839,
0.3841

314.7301, 0.3535,

 1.7290, 0.5589,

0.3473

0.4061

373.6035, 0.3512,
0.3463

0.4423, 0.6537,
0.3463

0.0000, 0.0000,
0.0000

64.0571, 0.3825,
0.3584

64.0571, 0.3825,
0.3584

55.8240, 0.4112,
0.3672

73.3739, 0.3577,
0.3493

48.6248, 0.4437,
0.3750

83.8037, 0.3365,
0.3404

42.4190, 0.4791,
0.3807

95.3859, 0.3186,
0.3320

37.1598, 0.5154,
0.3831

99.9965, 0.3127,
0.3290

■ 32.7960, 0.5497,
0.3809

■ 29.2701, 0.5785,
0.3736

■ 27.4460, 0.5931,
0.3672

Harmonies

Analogous

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



64.0571, 0.3730, 0.3299



64.0571, 0.3825, 0.3584



64.0571, 0.3720, 0.3815

Triad

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



64.0571, 0.3825, 0.3584



64.0571, 0.2785, 0.3572



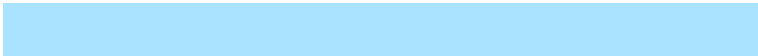
64.0571, 0.2782, 0.2722

Complementary

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



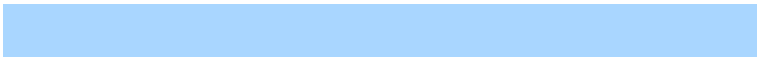
64.0571, 0.3825, 0.3584



70.5924, 0.2606, 0.2973

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.



64.0571, 0.2555, 0.2759



64.0571, 0.3825, 0.3584



64.0571, 0.2556, 0.3234

Square

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



64.0571, 0.3825, 0.3584



64.0571, 0.3112, 0.3831



64.0571, 0.2475, 0.2938



64.0571, 0.3112, 0.2820

Rectangle

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



64.0571, 0.3825, 0.3584



64.0571, 0.3557, 0.3902



64.0571, 0.2475, 0.2938



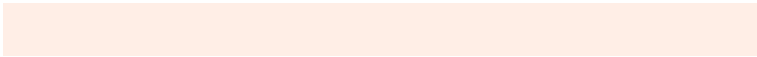
64.0571, 0.2692, 0.2718

Sweetspot

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



64.0601, 0.3825, 0.3584



87.9792, 0.3295, 0.3372



55.2304, 0.3388, 0.2696



18.4897, 0.3321, 0.3384



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.



64.0601, 0.3825, 0.3584



58.7663, 0.4001, 0.3640



85.9859, 0.3685, 0.3994



18.9527, 0.3286, 0.3368



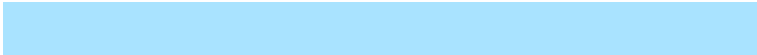
14.5834, 0.5902, 0.3696



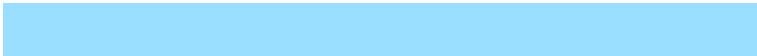
1.6090, 0.5682, 0.3871

Inverse Universe

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



70.5924, 0.2606, 0.2973



66.1234, 0.2514, 0.2904



50.2645, 0.2541, 0.2469



19.4259, 0.2980, 0.3211



19.4682, 0.1941, 0.2187



2.0946, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 64.0571, 0.3825, 0.3584 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 64.0571, 0.3825, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

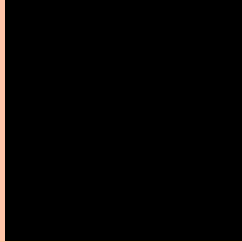
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0571, 0.3825, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 64.0571, 0.3825, 0.3584.



This preview shows how white text looks on a background with the Yxy color 64.0571, 0.3825, 0.3584.

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

64.0571, 0.3825, 0.3584

Protanopia

64.0682, 0.3465, 0.3679

Deuteranopia

63.8335, 0.3729, 0.3647



Tritanopia

63.9049, 0.3524, 0.3147

Trichromacy



Original Color

64.0571, 0.3825, 0.3584

Protanomaly

64.0034, 0.3587, 0.3646

Deuteranomaly

64.0922, 0.3765, 0.3632

Tritanomaly

63.6938, 0.3637, 0.3302

Monochromacy



Original Color

64.0571, 0.3825, 0.3584

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4590, 0.3363, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0571, 0.3825, 0.3584 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, 197, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 169) }
```

Border

The CSS property to change the border of an element to Yxy 64.0571, 0.3825, 0.3584 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, 197, 169) }
```

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

```
.border{ border-color:rgb(255, 197, 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, 197, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0571, 0.3825, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 169) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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