

Converting Colors

Yxy(62.9411, 0.3798, 0.3508)

Have a look what the booklet for
Yxy(62.9411, 0.3798, 0.3508)
contains.

Yxy(62.8607, 0.3803, 0.3511)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.8607, 0.3803, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2AD
RGB	255, 194, 173
RGB Percent	100%, 76%, 68%
CMY	0.0000, 0.2393, 0.3215
CMYK	0.00, 0.24, 0.32, 0.00
HSL	15°, 100%, 84%
HSV	15°, 32%, 100%
XYZ	68.0886, 62.8607, 48.0900
YIQ	209.8450, 43.0970, 6.4010

Conversions

Conversions Part 2

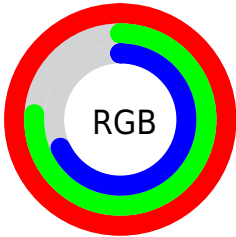
Format	Color
R _Y B	255, 201, 173
Decimal	16761517
CIE Lab	83.37, 19.07, 19.02
CIE LCh	83, 26.932, 44.917
Yxy	62.8607, 0.3803, 0.3511
Android (android.graphics.Color)	4294951597 (0xFFFFC2AD)
YUV	209.8450, -18.1646, 39.6009
Hunter-Lab	79.2847, 14.5451, 19.5371

Details

The Yxy color **62.8607, 0.3803, 0.3511** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9730, 0.2638, 0.3056**, and the grayscale version is **64.4367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8558, 0.3290, 0.3514**, and **32.0070, 0.3973, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **54.0453, 0.4100, 0.3581**, and if you desaturate by 10%, it is **72.9319, 0.3550, 0.3439**.

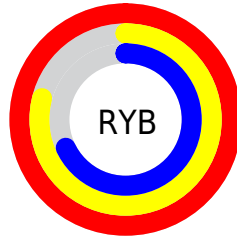
Distribution



Red (100%)

Green (76%)

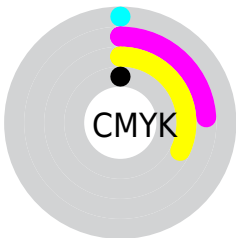
Blue (68%)



Red (100%)

Yellow (79%)

Blue (68%)

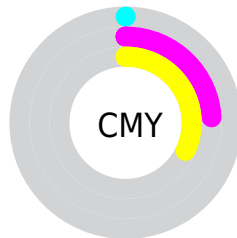


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8607, 0.3803, 0.3511 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 62.8607, 0.3803, 0.3511 by changing the saturation by 10% instead.


 62.8607, 0.3803,
0.3511

 62.8607, 0.3803,
0.3511

435.0638, 0.3479,
0.3415

 45.7285, 0.3880,
0.3531


 108.9685, 0.3688,
0.3479

 32.0316, 0.3975,
0.3554


138.7130, 0.3645,
0.3466

 21.3857, 0.4098,
0.3582


173.4303, 0.3607,
0.3455

 13.4062, 0.4262,
0.3614

213.5048, 0.3574,
0.3445

 7.7089, 0.4488,
0.3650

259.3211, 0.3546,
0.3437

 3.9092, 0.4820,
0.3684


311.2634, 0.3521,


 1.6229, 0.5523,

0.3429

0.3814

369.7162, 0.3499,
0.3422


 0.3730, 0.6874,
0.3126

 0.0000, 0.0000,
0.0000

 62.8607, 0.3803,
0.3511


 62.8607, 0.3803,
0.3511


 54.0453, 0.4100,
0.3581


 72.9319, 0.3550,
0.3439

 46.4517, 0.4443,
0.3643

 84.3243, 0.3338,
0.3369

 40.0191, 0.4823,
0.3688

 97.0781, 0.3161,
0.3304

 34.6883, 0.5218,
0.3705

100.0000, 0.3127,
0.3290

■ 30.3942, 0.5595,
0.3682

■ 27.0641, 0.5910,
0.3615

■ 25.0646, 0.6096,
0.3542

Harmonies

Analogous

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



62.8607, 0.3664, 0.3230



62.8607, 0.3803, 0.3511



62.8607, 0.3748, 0.3756

Triad

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



62.8607, 0.3803, 0.3511



62.8607, 0.2866, 0.3639



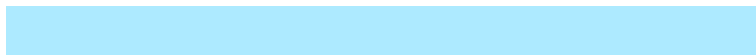
62.8607, 0.2724, 0.2731

Complementary

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



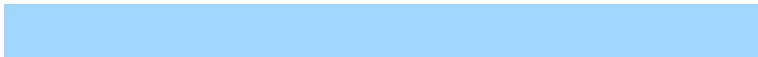
62.8607, 0.3803, 0.3511



74.9730, 0.2638, 0.3056

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.



62.8607, 0.2535, 0.2802



62.8607, 0.3803, 0.3511



62.8607, 0.2613, 0.3318

Square

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



62.8607, 0.3803, 0.3511



62.8607, 0.3198, 0.3856



62.8607, 0.2496, 0.3010



62.8607, 0.3027, 0.2795

Rectangle

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



62.8607, 0.3803, 0.3511



62.8607, 0.3613, 0.3863



62.8607, 0.2496, 0.3010



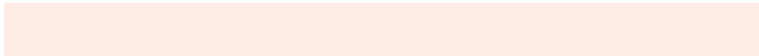
62.8607, 0.2646, 0.2739

Sweetspot

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



62.8550, 0.3803, 0.3511



86.9481, 0.3297, 0.3355



57.1250, 0.3327, 0.2673



18.2416, 0.3324, 0.3364



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.



62.8550, 0.3803, 0.3511



56.6853, 0.4002, 0.3560



83.4118, 0.3674, 0.3911



18.7419, 0.3288, 0.3351



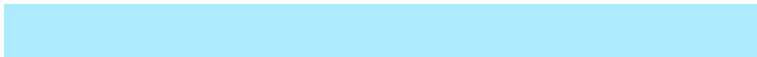
13.2976, 0.6068, 0.3564



1.4612, 0.5851, 0.3737

Inverse Universe

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



74.9730, 0.2638, 0.3056



70.5968, 0.2541, 0.2997



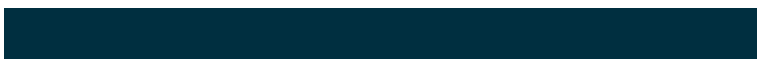
54.4752, 0.2579, 0.2579



19.6487, 0.2980, 0.3228



23.2209, 0.2010, 0.2437



2.4363, 0.2041, 0.2546

Previews

White Background



This preview shows how the Yxy color 62.8607, 0.3803, 0.3511 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 62.8607, 0.3803, 0.3511 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 62.8607, 0.3803, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 62.8607, 0.3803, 0.3511.



This preview shows how white text looks on a background with the Yxy color 62.8607, 0.3803, 0.3511.

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

62.8607, 0.3803, 0.3511

Protanopia

62.8264, 0.3408, 0.3601

Deuteranopia

62.9879, 0.3675, 0.3596



Tritanopia

62.8812, 0.3553, 0.3157

Trichromacy



Original Color

62.8607, 0.3803, 0.3511

Protanomaly

62.4043, 0.3548, 0.3570

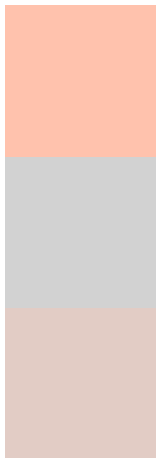
Deuteranomaly

62.9596, 0.3723, 0.3571

Tritanomaly

62.8095, 0.3642, 0.3281

Monochromacy



Original Color

62.8607, 0.3803, 0.3511

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3857, 0.3350, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8607, 0.3803, 0.3511 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, 194, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 173)  
}
```

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, 194, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 173) }
```

Border

The CSS property to change the border of an element to Yxy 62.8607, 0.3803, 0.3511 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, 194, 173) }
```

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

```
.border{ border-color:rgb(255, 194, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8607, 0.3803, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 173) }
```

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

```
.background{ background-color: rgb(255,  
194, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor