

Converting Colors

$Yxy(62.5984, 0.3822, 0.3530)$

Have a look what the booklet for
Yxy(62.5984, 0.3822, 0.3530)
contains.

Yxy(62.7838, 0.3819, 0.3532)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.7838, 0.3819, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2AB
RGB	255, 194, 171
RGB Percent	100%, 76%, 67%
CMY	0.0000, 0.2392, 0.3293
CMYK	0.00, 0.24, 0.33, 0.00
HSL	16°, 100%, 84%
HSV	16°, 33%, 100%
XYZ	67.8854, 62.7838, 47.0878
YIQ	209.6170, 43.7390, 5.7790

Conversions

Conversions Part 2

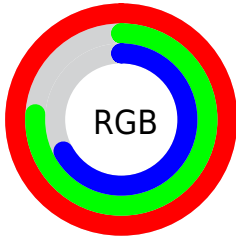
Format	Color
R _Y B	255, 203, 171
Decimal	16761515
CIE Lab	83.33, 18.80, 20.01
CIE LCh	83, 27.457, 46.788
Yxy	62.7838, 0.3819, 0.3532
Android (android.graphics.Color)	4294951595 (0xFFFFC2AB)
YUV	209.6170, -19.0382, 39.8009
Hunter-Lab	79.2362, 14.2660, 20.2310

Details

The Yxy color **62.7838, 0.3819, 0.3532** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6165, 0.2624, 0.3032**, and the grayscale version is **64.2935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7453, 0.3302, 0.3534**, and **31.9584, 0.3996, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **54.1671, 0.4116, 0.3607**, and if you desaturate by 10%, it is **72.6219, 0.3566, 0.3455**.

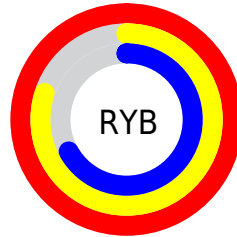
Distribution



Red (100%)

Green (76%)

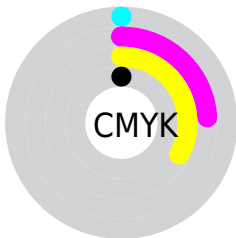
Blue (67%)



Red (100%)

Yellow (80%)

Blue (67%)

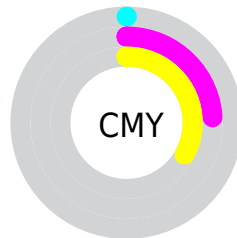


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7838, 0.3819, 0.3532 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 62.7838, 0.3819, 0.3532 by changing the saturation by 10% instead.


 62.7838, 0.3819,
0.3532

 62.7838, 0.3819,
0.3532

434.7844, 0.3487,
0.3427

 45.6663, 0.3897,
0.3554

 108.8575, 0.3702,
0.3497

 31.9826, 0.3995,
0.3580


138.5826, 0.3657,
0.3483

 21.3482, 0.4121,
0.3610


173.2790, 0.3618,
0.3471

 13.3788, 0.4288,
0.3646

213.3311, 0.3585,
0.3460

 7.6899, 0.4518,
0.3687

259.1233, 0.3556,
0.3450

 3.8972, 0.4854,
0.3725

311.0400, 0.3530,

 1.6162, 0.5608,

0.3441

0.3892

369.4655, 0.3508,
0.3434

0.3685, 0.6871,
0.3129

0.0000, 0.0000,
0.0000

62.7838, 0.3819,
0.3532

62.7838, 0.3819,
0.3532

54.1671, 0.4116,
0.3607

72.6219, 0.3566,
0.3455

46.7145, 0.4456,
0.3672

83.7184, 0.3352,
0.3380

40.3772, 0.4830,
0.3719

96.1195, 0.3174,
0.3310

35.0990, 0.5218,
0.3736

100.0000, 0.3127,
0.3290

■ 30.8186, 0.5585,
0.3711

■ 27.4671, 0.5890,
0.3641

■ 25.6081, 0.6057,
0.3573

Harmonies

Analogous

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



62.7838, 0.3689, 0.3246



62.7838, 0.3819, 0.3532



62.7838, 0.3751, 0.3777

Triad

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



62.7838, 0.3819, 0.3532



62.7838, 0.2841, 0.3627



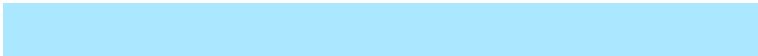
62.7838, 0.2732, 0.2721

Complementary

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



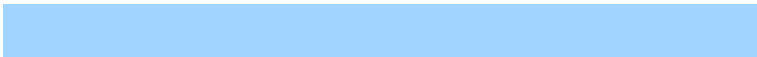
62.7838, 0.3819, 0.3532



73.6165, 0.2624, 0.3032

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.



62.7838, 0.2532, 0.2784



62.7838, 0.3819, 0.3532



62.7838, 0.2591, 0.3297

Square

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



62.7838, 0.3819, 0.3532



62.7838, 0.3177, 0.3859



62.7838, 0.2481, 0.2987



62.7838, 0.3046, 0.2795

Rectangle

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



62.7838, 0.3819, 0.3532



62.7838, 0.3606, 0.3882



62.7838, 0.2481, 0.2987



62.7838, 0.2650, 0.2726

Sweetspot

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



62.7867, 0.3819, 0.3532



87.2095, 0.3297, 0.3359



56.2619, 0.3345, 0.2671



18.3044, 0.3323, 0.3369



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.



62.7867, 0.3819, 0.3532



56.5657, 0.4024, 0.3585



83.8531, 0.3684, 0.3939



18.7954, 0.3288, 0.3356



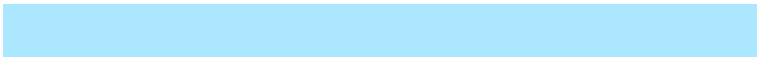
13.5923, 0.6028, 0.3595



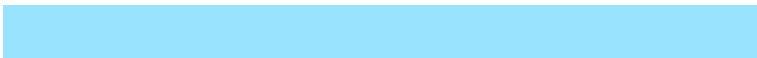
1.4962, 0.5809, 0.3770

Inverse Universe

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



73.6165, 0.2624, 0.3032



68.9869, 0.2524, 0.2967



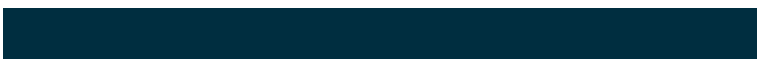
52.9832, 0.2562, 0.2542



19.5918, 0.2980, 0.3223



22.2215, 0.1993, 0.2374



2.3460, 0.2025, 0.2491

Previews

White Background



This preview shows how the Yxy color 62.7838, 0.3819, 0.3532 looks on a white background.

Color Contrast Check

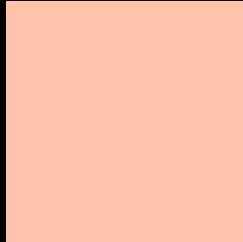
Large Text (above 18pt) WCAG AA × Fail

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 62.7838, 0.3819, 0.3532 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 62.7838, 0.3819, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 62.7838, 0.3819, 0.3532.



This preview shows how white text looks on a background with the Yxy color 62.7838, 0.3819, 0.3532.

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

62.7838, 0.3819, 0.3532

Protanopia

62.9001, 0.3431, 0.3624

Deuteranopia

62.9116, 0.3691, 0.3618



Tritanopia

62.8812, 0.3553, 0.3157

Trichromacy



Original Color

62.7838, 0.3819, 0.3532

Protanomaly

62.4920, 0.3572, 0.3592

Deuteranomaly

62.8833, 0.3739, 0.3592

Tritanomaly

62.7650, 0.3650, 0.3292

Monochromacy



Original Color

62.7838, 0.3819, 0.3532

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3400, 0.3358, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7838, 0.3819, 0.3532 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 171) }
```

Border

The CSS property to change the border of an element to Yxy 62.7838, 0.3819, 0.3532 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, 171) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7838, 0.3819, 0.3532 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, 171) }
```

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

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