

Converting Colors

$Yxy(63.5718, 0.3794, 0.3523)$

Have a look what the booklet for
Yxy(63.5718, 0.3794, 0.3523)
contains.

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Color

Yxy(63.7570, 0.3796, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4AD
RGB	255, 196, 173
RGB Percent	100%, 77%, 68%
CMY	0.0000, 0.2313, 0.3215
CMYK	0.00, 0.23, 0.32, 0.00
HSL	17°, 100%, 84%
HSV	17°, 32%, 100%
XYZ	68.5225, 63.7570, 48.2329
YIQ	211.0190, 42.5470, 5.3550

Conversions

Conversions Part 2

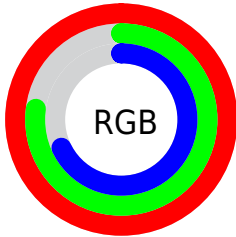
Format	Color
R _Y B	255, 205, 173
Decimal	16762029
CIE Lab	83.84, 17.99, 19.68
CIE LCh	84, 26.662, 47.558
Yxy	63.7570, 0.3796, 0.3532
Android (android.graphics.Color)	4294952109 (0xFFFFC4AD)
YUV	211.0190, -18.7434, 38.5713
Hunter-Lab	79.8480, 13.4480, 20.0789

Details

The Yxy color **63.7570, 0.3796, 0.3532** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8171, 0.2635, 0.3032**, and the grayscale version is **65.2617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1120, 0.3288, 0.3533**, and **32.5968, 0.3963, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **55.0879, 0.4088, 0.3609**, and if you desaturate by 10%, it is **73.6326, 0.3547, 0.3453**.

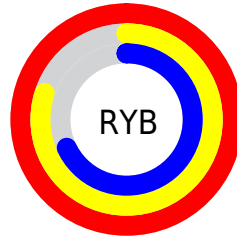
Distribution



Red (100%)

Green (77%)

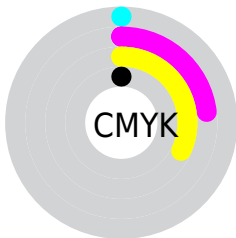
Blue (68%)



Red (100%)

Yellow (80%)

Blue (68%)

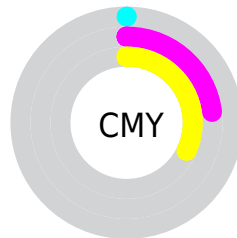


Cyan (0%)

Magenta (23%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (23%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7570, 0.3796, 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 63.7570, 0.3796, 0.3532 by changing the saturation by 10% instead.


 63.7570, 0.3796,
0.3532

 63.7570, 0.3796,
0.3532


438.3116, 0.3476,
0.3426

 46.4539, 0.3871,
0.3554


 110.2609, 0.3683,
0.3497

 32.6041, 0.3965,
0.3580


140.2305, 0.3640,
0.3483

 21.8234, 0.4086,
0.3612


175.1910, 0.3603,
0.3470

 13.7272, 0.4246,
0.3649

215.5269, 0.3571,
0.3459

 7.9312, 0.4466,
0.3691

261.6225, 0.3543,
0.3450

 4.0509, 0.4787,
0.3735

313.8622, 0.3518,

 1.7021, 0.5457,

0.3441

0.3876

372.6304, 0.3496,
0.3433

0.4250, 0.6649,
0.3351

0.0000, 0.0000,
0.0000

63.7570, 0.3796,
0.3532

63.7570, 0.3796,
0.3532

55.0879, 0.4088,
0.3609

73.6326, 0.3547,
0.3453

47.5692, 0.4422,
0.3677

84.7501, 0.3337,
0.3377

41.1535, 0.4791,
0.3728

97.1545, 0.3161,
0.3305

35.7865, 0.5176,
0.3749

99.9996, 0.3127,
0.3290

■ 31.4088, 0.5543,
0.3728

■ 27.9540, 0.5853,
0.3662

■ 25.8339, 0.6041,
0.3585

Harmonies

Analogous

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



63.7570, 0.3675, 0.3255



63.7570, 0.3796, 0.3532



63.7570, 0.3726, 0.3767

Triad

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



63.7570, 0.3796, 0.3532



63.7570, 0.2844, 0.3608



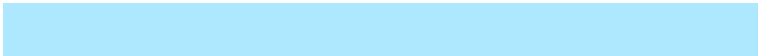
63.7570, 0.2752, 0.2739

Complementary

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



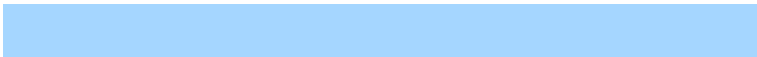
63.7570, 0.3796, 0.3532



73.8171, 0.2635, 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.



63.7570, 0.2554, 0.2798



63.7570, 0.3796, 0.3532



63.7570, 0.2604, 0.3289

Square

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



63.7570, 0.3796, 0.3532



63.7570, 0.3167, 0.3835



63.7570, 0.2501, 0.2992



63.7570, 0.3058, 0.2814

Rectangle

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



63.7570, 0.3796, 0.3532



63.7570, 0.3584, 0.3864



63.7570, 0.2501, 0.2992



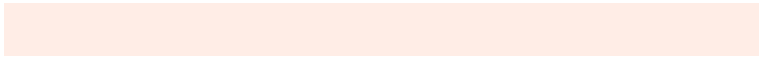
63.7570, 0.2672, 0.2743

Sweetspot

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



63.7600, 0.3796, 0.3532



87.3128, 0.3296, 0.3361



57.0404, 0.3338, 0.2685



18.3293, 0.3323, 0.3371



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.



63.7600, 0.3796, 0.3532



57.6969, 0.3991, 0.3585



84.1911, 0.3670, 0.3924



18.8165, 0.3287, 0.3357



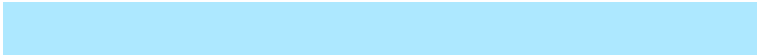
13.7146, 0.6012, 0.3608



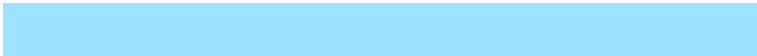
1.5105, 0.5792, 0.3783

Inverse Universe

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



73.8171, 0.2635, 0.3032



69.2374, 0.2537, 0.2968



53.8650, 0.2577, 0.2563



19.5694, 0.2980, 0.3222



21.8353, 0.1986, 0.2349



2.3109, 0.2019, 0.2469

Previews

White Background



This preview shows how the Yxy color 63.7570, 0.3796, 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 63.7570, 0.3796, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

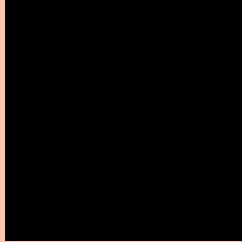
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7570, 0.3796, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 63.7570, 0.3796, 0.3532.



This preview shows how white text looks on a background with the Yxy color 63.7570, 0.3796, 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

63.7570, 0.3796, 0.3532

Protanopia

64.0712, 0.3428, 0.3633

Deuteranopia

63.8065, 0.3689, 0.3605



Tritanopia

63.8562, 0.3533, 0.3157

Trichromacy



Original Color

63.7570, 0.3796, 0.3532

Protanomaly

63.6837, 0.3559, 0.3590

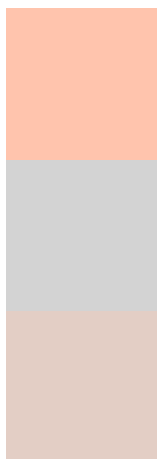
Deuteranomaly

63.5996, 0.3728, 0.3580

Tritanomaly

63.7386, 0.3629, 0.3291

Monochromacy



Original Color

63.7570, 0.3796, 0.3532

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5047, 0.3355, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7570, 0.3796, 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, 196, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 173) }
```

Border

The CSS property to change the border of an element to Yxy 63.7570, 0.3796, 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, 196, 173) }
```

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

```
.border{ border-color:rgb(255, 196, 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, 196, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7570, 0.3796, 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, 196, 173) }
```

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

```
.background{ background-color: rgb(255,  
196, 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](#).

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