

Converting Colors

$Yxy(77.0633, 0.4362, 0.3405)$

Have a look what the booklet for
Yxy(77.0633, 0.4362, 0.3405)
contains.

Yxy(60.7898, 0.3794, 0.3428)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7898, 0.3794, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDB0
RGB	255, 189, 176
RGB Percent	100%, 74%, 69%
CMY	0.0000, 0.2588, 0.3098
CMYK	0.00, 0.26, 0.31, 0.00
HSL	10°, 100%, 85%
HSV	10°, 31%, 100%
XYZ	67.2802, 60.7898, 49.2631
YIQ	207.2520, 43.5090, 9.9490

Conversions

Conversions Part 2

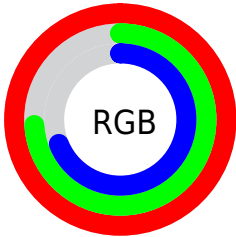
Format	Color
R _Y B	255, 192, 176
Decimal	16760240
CIE Lab	82.27, 22.05, 15.88
CIE LCh	82, 27.175, 35.770
Yxy	60.7898, 0.3794, 0.3428
Android (android.graphics.Color)	4294950320 (0xFFFFBDB0)
YUV	207.2520, -15.4072, 41.8750
Hunter-Lab	77.9678, 17.5880, 17.1157

Details

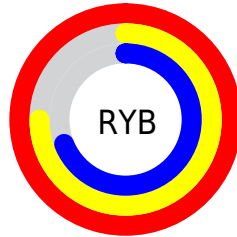
The Yxy color **60.7898, 0.3794, 0.3428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9591, 0.2664, 0.3146**, and the grayscale version is **62.6460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9977, 0.3271, 0.3427**, and **30.6283, 0.3976, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **51.3695, 0.4107, 0.3474**, and if you desaturate by 10%, it is **71.7436, 0.3533, 0.3381**.

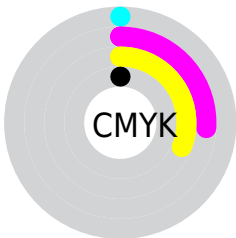
Distribution



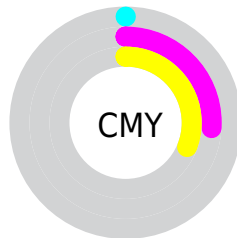
- Red (100%)
- Green (74%)
- Blue (69%)



- Red (100%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7898, 0.3794, 0.3428 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 60.7898, 0.3794, 0.3428 by changing the saturation by 10% instead.

 60.7898, 0.3794,
0.3428

 60.7898, 0.3794,
0.3428


427.5029, 0.3472,
0.3371

 44.0556, 0.3871,
0.3439

 105.9745, 0.3680,
0.3410

 30.7142, 0.3967,
0.3452


135.1938, 0.3636,
0.3402

 20.3813, 0.4092,
0.3466


169.3435, 0.3599,
0.3395

 12.6725, 0.4258,
0.3481

208.8081, 0.3566,
0.3389

 7.2034, 0.4492,
0.3493

253.9719, 0.3538,
0.3384

 3.5896, 0.4840,
0.3495

305.2194, 0.3514,

 1.4468, 0.5552,

0.3379

0.3546

362.9349, 0.3492,
0.3375

0.2508, 0.7559,
0.2441

0.0000, 0.0000,
0.0000

60.7898, 0.3794,
0.3428

60.7898, 0.3794,
0.3428

51.3695, 0.4107,
0.3474

71.7436, 0.3533,
0.3381

43.4174, 0.4474,
0.3514

84.2994, 0.3319,
0.3336

36.8577, 0.4887,
0.3541

98.5169, 0.3143,
0.3294

31.6095, 0.5321,
0.3548

100.0000, 0.3127,
0.3290

■ 27.5829, 0.5731,
0.3526

■ 24.6766, 0.6062,
0.3473

■ 22.9117, 0.6261,
0.3410

Harmonies

Analogous

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



60.7898, 0.3597, 0.3143



60.7898, 0.3794, 0.3428



60.7898, 0.3799, 0.3697

Triad

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



60.7898, 0.3794, 0.3428



60.7898, 0.2959, 0.3730



60.7898, 0.2643, 0.2727

Complementary

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



60.7898, 0.3794, 0.3428



79.9591, 0.2664, 0.3146

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.



60.7898, 0.2494, 0.2843



60.7898, 0.3794, 0.3428



60.7898, 0.2669, 0.3422

Square

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



60.7898, 0.3794, 0.3428



60.7898, 0.3305, 0.3900



60.7898, 0.2503, 0.3092



60.7898, 0.2922, 0.2752

Rectangle

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



60.7898, 0.3794, 0.3428



60.7898, 0.3694, 0.3832



60.7898, 0.2503, 0.3092



60.7898, 0.2577, 0.2750

Sweetspot

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



60.7885, 0.3794, 0.3428



86.9790, 0.3281, 0.3328



58.7924, 0.3255, 0.2623



18.1940, 0.3308, 0.3334



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.



60.7885, 0.3794, 0.3428



54.9375, 0.3976, 0.3456



79.5253, 0.3675, 0.3813



18.4695, 0.3290, 0.3330



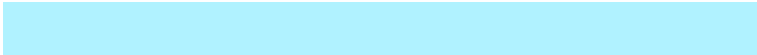
12.1127, 0.6240, 0.3428



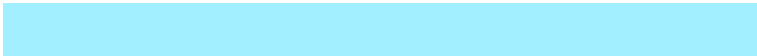
1.3093, 0.6048, 0.3580

Inverse Universe

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



79.9591, 0.2664, 0.3146



76.7763, 0.2583, 0.3114



59.4713, 0.2612, 0.2703



19.9428, 0.2980, 0.3250



28.8430, 0.2099, 0.2756



2.9377, 0.2118, 0.2823

Previews

White Background



This preview shows how the Yxy color 60.7898, 0.3794, 0.3428 looks on a white background.

Color Contrast Check

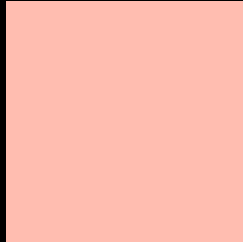
Large Text (above 18pt) WCAG AA × Fail

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 60.7898, 0.3794, 0.3428 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 60.7898, 0.3794, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 60.7898, 0.3794, 0.3428.



This preview shows how white text looks on a background with the Yxy color 60.7898, 0.3794, 0.3428.

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

60.7898, 0.3794, 0.3428

Protanopia

60.9426, 0.3352, 0.3523

Deuteranopia

60.8214, 0.3626, 0.3546



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.7898, 0.3794, 0.3428

Protanomaly

60.8411, 0.3507, 0.3493

Deuteranomaly

60.7334, 0.3685, 0.3498

Tritanomaly

60.9880, 0.3669, 0.3260

Monochromacy



Original Color

60.7898, 0.3794, 0.3428

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.1414, 0.3348, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7898, 0.3794, 0.3428 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, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 176)  
}
```

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, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 176) }
```

Border

The CSS property to change the border of an element to Yxy 60.7898, 0.3794, 0.3428 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, 189, 176) }
```

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

```
.border{ border-color:rgb(255, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 189, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 189, 176); box-shadow:4px 4px 4px 4px rgb(255, 189, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7898, 0.3794, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 176) }
```

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

```
.background{ background-color: rgb(255,  
189, 176) }
```

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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