

Converting Colors

$Yxy(60.7263, 0.3774, 0.3398)$

Have a look what the booklet for
Yxy(60.7263, 0.3774, 0.3398)
contains.

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Color

Yxy(60.8695, 0.3777, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDB2
RGB	255, 189, 178
RGB Percent	100%, 74%, 70%
CMY	0.0000, 0.2588, 0.3020
CMYK	0.00, 0.26, 0.30, 0.00
HSL	9°, 100%, 85%
HSV	9°, 30%, 100%
XYZ	67.4799, 60.8695, 50.3107
YIQ	207.4800, 42.8670, 10.5710

Conversions

Conversions Part 2

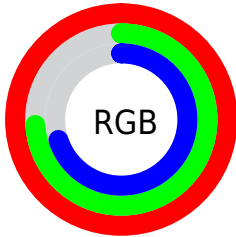
Format	Color
R _Y B	255, 191, 178
Decimal	16760242
CIE Lab	82.31, 22.30, 14.88
CIE LCh	82, 26.812, 33.705
Yxy	60.8695, 0.3777, 0.3407
Android (android.graphics.Color)	4294950322 (0xFFFFBDB2)
YUV	207.4800, -14.5336, 41.6750
Hunter-Lab	78.0189, 17.8547, 16.3799

Details

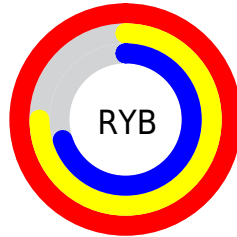
The Yxy color **60.8695, 0.3777, 0.3407** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3883, 0.2677, 0.3169**, and the grayscale version is **62.7948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1120, 0.3258, 0.3407**, and **30.6789, 0.3953, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **51.2312, 0.4090, 0.3447**, and if you desaturate by 10%, it is **72.1117, 0.3517, 0.3366**.

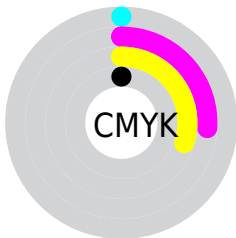
Distribution



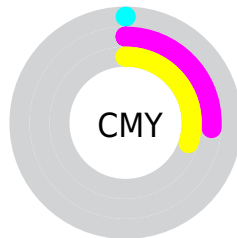
- Red (100%)
- Green (74%)
- Blue (70%)



- Red (100%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (30%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8695, 0.3777, 0.3407 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 60.8695, 0.3777, 0.3407 by changing the saturation by 10% instead.

 60.8695, 0.3777,
0.3407

 60.8695, 0.3777,
0.3407


427.7954, 0.3463,
0.3359

 44.1199, 0.3852,
0.3416


 106.0900, 0.3666,
0.3392

 30.7647, 0.3946,
0.3426


135.3296, 0.3623,
0.3386

 20.4198, 0.4067,
0.3437


169.5013, 0.3587,
0.3380

 12.7005, 0.4230,
0.3448

208.9895, 0.3555,
0.3375

 7.2227, 0.4458,
0.3456

254.1786, 0.3528,
0.3370

 3.6017, 0.4799,
0.3453

305.4531, 0.3504,

 1.4534, 0.5465,

0.3366

0.3475

363.1972, 0.3482,
0.3363

0.2556, 0.7550,
0.2450

0.0000, 0.0000,
0.0000

60.8695, 0.3777,
0.3407

60.8695, 0.3777,
0.3407

51.2312, 0.4090,
0.3447

72.1117, 0.3517,
0.3366

43.1285, 0.4460,
0.3482

85.0322, 0.3304,
0.3327

36.4800, 0.4878,
0.3506

99.6942, 0.3130,
0.3291

31.1988, 0.5320,
0.3513

100.0000, 0.3127,
0.3290

■ 27.1887, 0.5740,
0.3493

■ 24.3408, 0.6078,
0.3447

■ 22.5471, 0.6291,
0.3387

Harmonies

Analogous

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



60.8695, 0.3571, 0.3127



60.8695, 0.3777, 0.3407



60.8695, 0.3795, 0.3675

Triad

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



60.8695, 0.3777, 0.3407



60.8695, 0.2984, 0.3741



60.8695, 0.2634, 0.2738

Complementary

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



60.8695, 0.3777, 0.3407



81.3883, 0.2677, 0.3169

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.



60.8695, 0.2498, 0.2862



60.8695, 0.3777, 0.3407



60.8695, 0.2691, 0.3443

Square

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



60.8695, 0.3777, 0.3407



60.8695, 0.3326, 0.3896



60.8695, 0.2518, 0.3116



60.8695, 0.2902, 0.2753

Rectangle

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



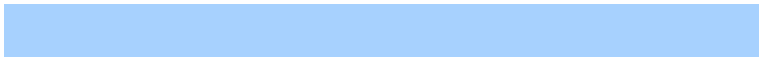
60.8695, 0.3777, 0.3407



60.8695, 0.3701, 0.3814



60.8695, 0.2518, 0.3116



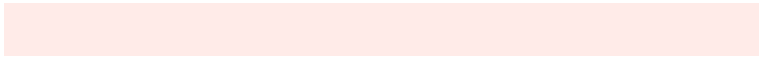
60.8695, 0.2573, 0.2764

Sweetspot

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



60.8677, 0.3777, 0.3407



86.6934, 0.3281, 0.3323



59.6767, 0.3241, 0.2628



18.1243, 0.3309, 0.3328



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.



60.8677, 0.3777, 0.3407



55.0840, 0.3952, 0.3431



79.2848, 0.3663, 0.3787



18.4054, 0.3291, 0.3325



11.9071, 0.6271, 0.3402



1.2793, 0.6090, 0.3546

Inverse Universe

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



81.3883, 0.2677, 0.3169



78.4664, 0.2600, 0.3142



60.9397, 0.2628, 0.2736



20.0131, 0.2980, 0.3255



30.3011, 0.2119, 0.2830



3.0662, 0.2135, 0.2887

Previews

White Background



This preview shows how the Yxy color 60.8695, 0.3777, 0.3407 looks on a white background.

Color Contrast Check

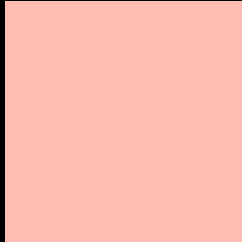
Large Text (above 18pt) WCAG AA × Fail

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 60.8695, 0.3777, 0.3407 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 60.8695, 0.3777, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 60.8695, 0.3777, 0.3407.



This preview shows how white text looks on a background with the Yxy color 60.8695, 0.3777, 0.3407.

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

60.8695, 0.3777, 0.3407

Protanopia

60.8770, 0.3329, 0.3500

Deuteranopia

60.7293, 0.3602, 0.3524



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.8695, 0.3777, 0.3407

Protanomaly

60.7597, 0.3483, 0.3471

Deuteranomaly

60.6351, 0.3661, 0.3476

Tritanomaly

61.0322, 0.3660, 0.3250

Monochromacy



Original Color

60.8695, 0.3777, 0.3407

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 60.8695, 0.3777, 0.3407 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 178) }
```

Border

The CSS property to change the border of an element to Yxy 60.8695, 0.3777, 0.3407 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, 178) }
```

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

```
.border{ border-color:rgb(255, 189, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8695, 0.3777, 0.3407 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
189, 178) }
```

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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