

Converting Colors

$Yxy(66.8024, 0.4023, 0.3407)$

Have a look what the booklet for
Yxy(66.8024, 0.4023, 0.3407)
contains.

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Color

Yxy(60.8295, 0.3785, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDB1
RGB	255, 189, 177
RGB Percent	100%, 74%, 69%
CMY	0.0002, 0.2587, 0.3059
CMYK	0.00, 0.26, 0.31, 0.00
HSL	9°, 100%, 85%
HSV	9°, 31%, 100%
XYZ	67.3609, 60.8295, 49.7777
YIQ	207.3660, 43.1880, 10.2600

Conversions

Conversions Part 2

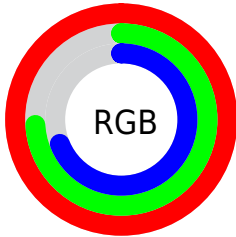
Format	Color
R _Y B	255, 191, 177
Decimal	16760241
CIE Lab	82.29, 22.14, 15.39
CIE LCh	82, 26.959, 34.808
Yxy	60.8295, 0.3785, 0.3418
Android (android.graphics.Color)	4294950321 (0xFFFFBDB1)
YUV	207.3660, -14.9704, 41.7750
Hunter-Lab	77.9933, 17.6780, 16.7546

Details

The Yxy color **60.8295, 0.3785, 0.3418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6154, 0.2671, 0.3157**, and the grayscale version is **62.7228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0547, 0.3265, 0.3417**, and **30.6535, 0.3965, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **51.3114, 0.4098, 0.3461**, and if you desaturate by 10%, it is **71.9219, 0.3525, 0.3374**.

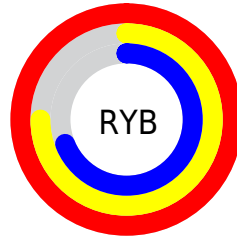
Distribution



Red (100%)

Green (74%)

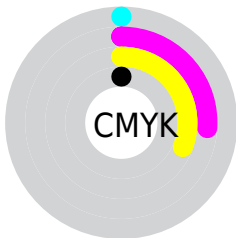
Blue (69%)



Red (100%)

Yellow (75%)

Blue (69%)

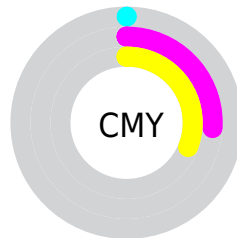


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8295, 0.3785, 0.3418 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 60.8295, 0.3785, 0.3418 by changing the saturation by 10% instead.


 60.8295, 0.3785,
0.3418

 60.8295, 0.3785,
0.3418

427.6486, 0.3467,
0.3365

 44.0876, 0.3861,
0.3428


 106.0320, 0.3672,
0.3401

 30.7394, 0.3956,
0.3440


135.2614, 0.3629,
0.3394

 20.4005, 0.4079,
0.3452


169.4221, 0.3592,
0.3388

 12.6865, 0.4243,
0.3465

208.8985, 0.3561,
0.3382

 7.2130, 0.4474,
0.3476

254.0749, 0.3533,
0.3377

 3.5957, 0.4818,
0.3475

305.3358, 0.3508,

 1.4501, 0.5506,

0.3373

0.3512

363.0656, 0.3487,
0.3369

0.2532, 0.7552,
0.2448

0.0000, 0.0000,
0.0000

60.8295, 0.3785,
0.3418

60.8295, 0.3785,
0.3418

51.3114, 0.4098,
0.3461

71.9219, 0.3525,
0.3374

43.2879, 0.4466,
0.3499

84.6467, 0.3311,
0.3332

36.6850, 0.4881,
0.3525

99.0695, 0.3136,
0.3292

31.4191, 0.5319,
0.3531

99.9923, 0.3127,
0.3290

■ 27.3976, 0.5734,
0.3511

■ 24.5157, 0.6069,
0.3461

■ 22.7277, 0.6276,
0.3399

Harmonies

Analogous

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



60.8295, 0.3584, 0.3136



60.8295, 0.3785, 0.3418



60.8295, 0.3796, 0.3686

Triad

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



60.8295, 0.3785, 0.3418



60.8295, 0.2971, 0.3734



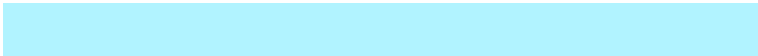
60.8295, 0.2640, 0.2733

Complementary

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



60.8295, 0.3785, 0.3418



80.6154, 0.2671, 0.3157

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.



60.8295, 0.2497, 0.2853



60.8295, 0.3785, 0.3418



60.8295, 0.2680, 0.3432

Square

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



60.8295, 0.3785, 0.3418



60.8295, 0.3315, 0.3897



60.8295, 0.2511, 0.3103



60.8295, 0.2913, 0.2754

Rectangle

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



60.8295, 0.3785, 0.3418



60.8295, 0.3696, 0.3823



60.8295, 0.2511, 0.3103



60.8295, 0.2576, 0.2757

Sweetspot

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



60.8324, 0.3785, 0.3418



86.8463, 0.3281, 0.3325



59.1778, 0.3253, 0.2631



18.1616, 0.3309, 0.3331



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.



60.8324, 0.3785, 0.3418



54.5662, 0.3979, 0.3446



79.7306, 0.3667, 0.3806



18.4397, 0.3291, 0.3327



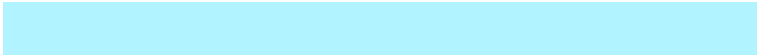
12.0138, 0.6255, 0.3416



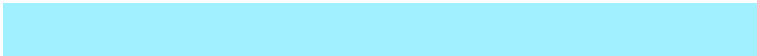
1.2953, 0.6067, 0.3564

Inverse Universe

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



80.6154, 0.2671, 0.3157



77.3350, 0.2585, 0.3125



59.8800, 0.2619, 0.2712



19.9754, 0.2980, 0.3252



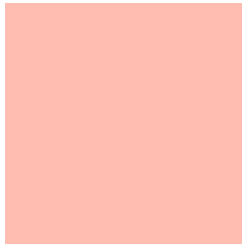
29.5141, 0.2109, 0.2790



2.9969, 0.2126, 0.2853

Previews

White Background



This preview shows how the Yxy color 60.8295, 0.3785, 0.3418 looks on a white background.

Color Contrast Check

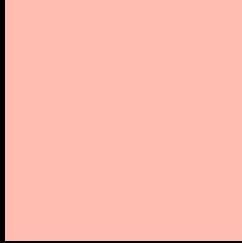
Large Text (above 18pt) WCAG AA × Fail

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 60.8295, 0.3785, 0.3418 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 60.8295, 0.3785, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 60.8295, 0.3785, 0.3418.



This preview shows how white text looks on a background with the Yxy color 60.8295, 0.3785, 0.3418.

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

60.8295, 0.3785, 0.3418

Protanopia

60.8346, 0.3336, 0.3512

Deuteranopia

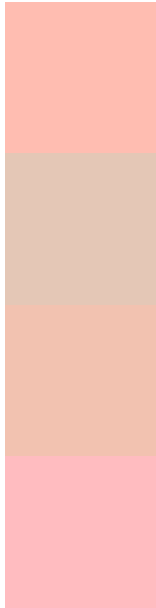
60.6898, 0.3610, 0.3535



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.8295, 0.3785, 0.3418

Protanomaly

60.7182, 0.3491, 0.3483

Deuteranomaly

60.5954, 0.3669, 0.3487

Tritanomaly

61.0322, 0.3660, 0.3250

Monochromacy



Original Color

60.8295, 0.3785, 0.3418

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 60.8295, 0.3785, 0.3418 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 177) }
```

Border

The CSS property to change the border of an element to Yxy 60.8295, 0.3785, 0.3418 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, 177) }
```

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

```
.border{ border-color:rgb(255, 189, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8295, 0.3785, 0.3418 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
189, 177) }
```

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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