

Converting Colors

Yxy(62.4267, 0.3888, 0.3432)

Have a look what the booklet for
Yxy(62.4267, 0.3888, 0.3432)
contains.

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Color

Yxy(60.7503, 0.3802, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDAF
RGB	255, 189, 175
RGB Percent	100%, 74%, 69%
CMY	0.0002, 0.2587, 0.3138
CMYK	0.00, 0.26, 0.31, 0.00
HSL	11°, 100%, 84%
HSV	11°, 31%, 100%
XYZ	67.1627, 60.7503, 48.7380
YIQ	207.1380, 43.8300, 9.6380

Conversions

Conversions Part 2

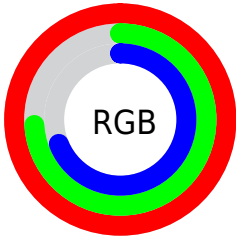
Format	Color
R _Y B	255, 192, 175
Decimal	16760239
CIE Lab	82.24, 21.88, 16.40
CIE LCh	82, 27.343, 36.844
Yxy	60.7503, 0.3802, 0.3439
Android (android.graphics.Color)	4294950319 (0xFFFFBDAF)
YUV	207.1380, -15.8440, 41.9750
Hunter-Lab	77.9425, 17.4134, 17.4852

Details

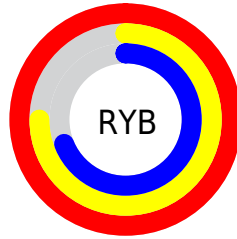
The Yxy color **60.7503, 0.3802, 0.3439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1939, 0.2658, 0.3134**, and the grayscale version is **62.5734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9411, 0.3277, 0.3437**, and **30.6283, 0.3976, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **51.4450, 0.4114, 0.3488**, and if you desaturate by 10%, it is **71.5612, 0.3541, 0.3389**.

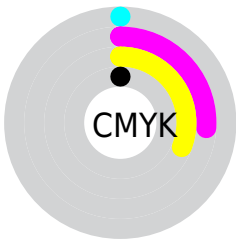
Distribution



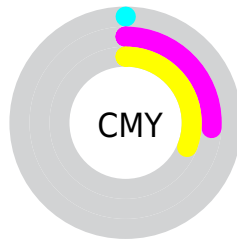
- Red (100%)
- Green (74%)
- Blue (69%)



- 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 60.7503, 0.3802, 0.3439 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 60.7503, 0.3802, 0.3439 by changing the saturation by 10% instead.


 60.7503, 0.3802,
0.3439

 60.7503, 0.3802,
0.3439

427.3579, 0.3476,
0.3377

 44.0237, 0.3880,
0.3451

 105.9173, 0.3686,
0.3419

 30.6891, 0.3977,
0.3465


135.1265, 0.3642,
0.3411

 20.3622, 0.4103,
0.3481

169.2653, 0.3604,
0.3403

 12.6586, 0.4272,
0.3498

208.7182, 0.3572,
0.3397

 7.1939, 0.4508,
0.3513

253.8695, 0.3543,
0.3391

 3.5837, 0.4859,
0.3517


305.1036, 0.3518,

 1.4435, 0.5596,


0.3386


0.3586


362.8049, 0.3496,
0.3381


 0.2485, 0.7561,
0.2439


 0.0000, 0.0000,
0.0000


 60.7503, 0.3802,
0.3439


 60.7503, 0.3802,
0.3439


 51.4450, 0.4114,
0.3488


 71.5612, 0.3541,
0.3389

 43.5699, 0.4480,
0.3530

 83.9316, 0.3326,
0.3341

 37.0558, 0.4890,
0.3559

 97.9233, 0.3149,
0.3296

 31.8247, 0.5320,
0.3566

99.9918, 0.3127,
0.3290

■ 27.7899, 0.5725,
0.3543

■ 24.8540, 0.6052,
0.3487

■ 23.1096, 0.6245,
0.3424

Harmonies

Analogous

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



60.7503, 0.3610, 0.3152



60.7503, 0.3802, 0.3439



60.7503, 0.3799, 0.3708

Triad

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



60.7503, 0.3802, 0.3439



60.7503, 0.2946, 0.3724



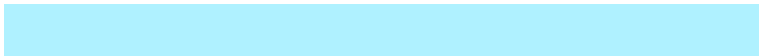
60.7503, 0.2648, 0.2722

Complementary

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



60.7503, 0.3802, 0.3439



79.1939, 0.2658, 0.3134

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.



60.7503, 0.2493, 0.2834



60.7503, 0.3802, 0.3439



60.7503, 0.2657, 0.3411

Square

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



60.7503, 0.3802, 0.3439



60.7503, 0.3294, 0.3901



60.7503, 0.2496, 0.3080



60.7503, 0.2932, 0.2753

Rectangle

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



60.7503, 0.3802, 0.3439



60.7503, 0.3690, 0.3841



60.7503, 0.2496, 0.3080



60.7503, 0.2580, 0.2743

Sweetspot

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



60.7532, 0.3802, 0.3439



87.1250, 0.3281, 0.3330



58.2967, 0.3267, 0.2626



18.2297, 0.3308, 0.3337



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.



60.7532, 0.3802, 0.3439



54.4341, 0.4003, 0.3472



79.9994, 0.3679, 0.3833



18.5023, 0.3290, 0.3332



12.2283, 0.6222, 0.3442



1.3253, 0.6026, 0.3597

Inverse Universe

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



79.1939, 0.2658, 0.3134



75.6436, 0.2568, 0.3096



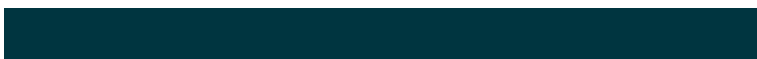
58.4052, 0.2603, 0.2679



19.9070, 0.2980, 0.3247



28.1178, 0.2088, 0.2718



2.8736, 0.2109, 0.2790

Previews

White Background



This preview shows how the Yxy color 60.7503, 0.3802, 0.3439 looks on a white background.

Color Contrast Check

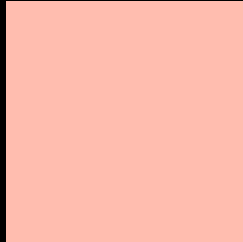
Large Text (above 18pt) WCAG AA × Fail

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 60.7503, 0.3802, 0.3439 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 60.7503, 0.3802, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 60.7503, 0.3802, 0.3439.



This preview shows how white text looks on a background with the Yxy color 60.7503, 0.3802, 0.3439.

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

60.7503, 0.3802, 0.3439

Protanopia

60.9008, 0.3359, 0.3535

Deuteranopia

60.7825, 0.3634, 0.3557



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.7503, 0.3802, 0.3439

Protanomaly

60.8001, 0.3515, 0.3505

Deuteranomaly

60.6943, 0.3694, 0.3509

Tritanomaly

60.9880, 0.3669, 0.3260

Monochromacy



Original Color

60.7503, 0.3802, 0.3439

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.0960, 0.3355, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7503, 0.3802, 0.3439 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 175) }
```

Border

The CSS property to change the border of an element to Yxy 60.7503, 0.3802, 0.3439 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, 175) }
```

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

```
.border{ border-color:rgb(255, 189, 175) }
```

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, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7503, 0.3802, 0.3439 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
189, 175) }
```

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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