

Converting Colors

Yxy(64.3160, 0.3965, 0.3419)

Have a look what the booklet for
Yxy(64.3160, 0.3965, 0.3419)
contains.

Yxy(60.3216, 0.3806, 0.3428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.3216, 0.3806, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCAF
RGB	255, 188, 175
RGB Percent	100%, 74%, 69%
CMY	0.0000, 0.2628, 0.3137
CMYK	0.00, 0.26, 0.31, 0.00
HSL	10°, 100%, 84%
HSV	10°, 31%, 100%
XYZ	66.9732, 60.3216, 48.6726
YIQ	206.5510, 44.1050, 10.1610

Conversions

Conversions Part 2

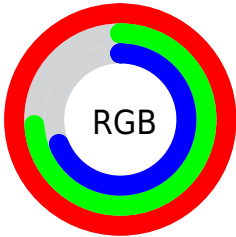
Format	Color
R_{YB}	255, 191, 175
Decimal	16759983
CIE _{Lab}	82.01, 22.46, 16.06
CIE _{LCh}	82, 27.615, 35.574
Yxy	60.3216, 0.3806, 0.3428
Android (android.graphics.Color)	4294950063 (0xFFFFBCAF)
YUV	206.5510, -15.5546, 42.4898
Hunter-Lab	77.6670, 18.0055, 17.2109

Details

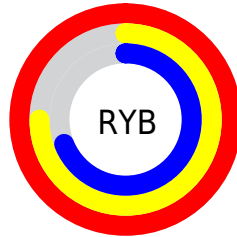
The Yxy color **60.3216, 0.3806, 0.3428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8494, 0.2659, 0.3146**, and the grayscale version is **62.1679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7309, 0.3279, 0.3418**, and **30.3506, 0.3982, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **50.9464, 0.4121, 0.3473**, and if you desaturate by 10%, it is **71.2260, 0.3543, 0.3382**.

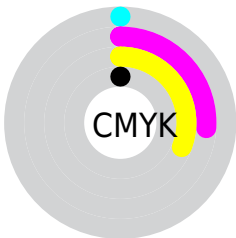
Distribution



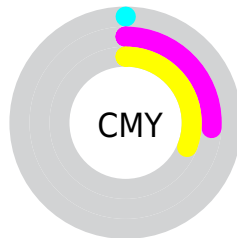
- Red (100%)
- Green (74%)
- Blue (69%)



- 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 60.3216, 0.3806, 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 60.3216, 0.3806, 0.3428 by changing the saturation by 10% instead.


 60.3216, 0.3806,
0.3428

 60.3216, 0.3806,
0.3428


425.7822, 0.3478,
0.3371

 43.6779, 0.3884,
0.3439


 105.2960, 0.3689,
0.3410

 30.4174, 0.3983,
0.3451


134.3956, 0.3645,
0.3402

 20.1556, 0.4110,
0.3465


168.4159, 0.3607,
0.3395

 12.5082, 0.4280,
0.3479

207.7413, 0.3574,
0.3389

 7.0908, 0.4520,
0.3491

252.7562, 0.3545,
0.3384

 3.5189, 0.4876,
0.3489


303.8451, 0.3520,

 1.4083, 0.5630,


0.3379


0.3551


361.3923, 0.3498,
0.3375


 0.2228, 0.7733,
0.2267


 0.0000, 0.0000,
0.0000


 60.3216, 0.3806,
0.3428


 60.3216, 0.3806,
0.3428


 50.9464, 0.4121,
0.3473

 71.2260, 0.3543,
0.3382

 43.0468, 0.4491,
0.3512

 83.7411, 0.3326,
0.3337

 36.5421, 0.4906,
0.3539

 97.9230, 0.3149,
0.3295

 31.3504, 0.5341,
0.3544

100.0000, 0.3127,
0.3290

■ 27.3808, 0.5750,
0.3521

■ 24.5305, 0.6076,
0.3467

■ 22.8725, 0.6265,
0.3408

Harmonies

Analogous

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



60.3216, 0.3604, 0.3139



60.3216, 0.3806, 0.3428



60.3216, 0.3812, 0.3702

Triad

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



60.3216, 0.3806, 0.3428



60.3216, 0.2958, 0.3741



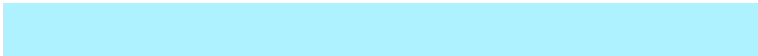
60.3216, 0.2632, 0.2717

Complementary

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



60.3216, 0.3806, 0.3428



79.8494, 0.2659, 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.



60.3216, 0.2483, 0.2836



60.3216, 0.3806, 0.3428



60.3216, 0.2662, 0.3427

Square

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



60.3216, 0.3806, 0.3428



60.3216, 0.3310, 0.3912



60.3216, 0.2493, 0.3090



60.3216, 0.2915, 0.2742

Rectangle

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



60.3216, 0.3806, 0.3428



60.3216, 0.3706, 0.3841



60.3216, 0.2493, 0.3090



60.3216, 0.2566, 0.2741

Sweetspot

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



60.3162, 0.3806, 0.3428



86.9502, 0.3281, 0.3327



58.3929, 0.3257, 0.2614



18.1870, 0.3308, 0.3333



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.



60.3162, 0.3806, 0.3428



53.9368, 0.4009, 0.3458



79.2944, 0.3683, 0.3820



18.4630, 0.3290, 0.3329



12.0907, 0.6243, 0.3425



1.3062, 0.6052, 0.3576

Inverse Universe

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



79.8494, 0.2659, 0.3146



76.3931, 0.2571, 0.3111



59.0479, 0.2605, 0.2695



19.9498, 0.2980, 0.3250



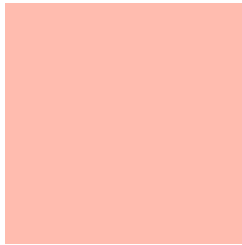
28.9880, 0.2101, 0.2764



2.9505, 0.2119, 0.2830

Previews

White Background



This preview shows how the Yxy color 60.3216, 0.3806, 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 60.3216, 0.3806, 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 60.3216, 0.3806, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 60.3216, 0.3806, 0.3428.



This preview shows how white text looks on a background with the Yxy color 60.3216, 0.3806, 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

60.3216, 0.3806, 0.3428

Protanopia

60.7508, 0.3351, 0.3536

Deuteranopia

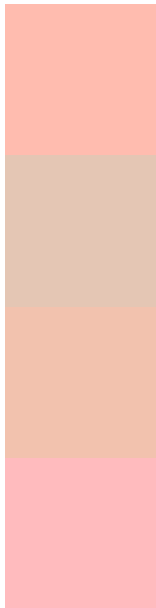
60.6118, 0.3626, 0.3558



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.3216, 0.3806, 0.3428

Protanomaly

60.1774, 0.3509, 0.3494

Deuteranomaly

60.5168, 0.3685, 0.3509

Tritanomaly

60.5184, 0.3680, 0.3260

Monochromacy



Original Color

60.3216, 0.3806, 0.3428

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 60.3216, 0.3806, 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, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 175) }
```

Border

The CSS property to change the border of an element to Yxy 60.3216, 0.3806, 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, 188, 175) }
```

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

```
.border{ border-color:rgb(255, 188, 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, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3216, 0.3806, 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, 188, 175) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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