

Converting Colors

$Yxy(64.9657, 0.3830, 0.3740)$

Have a look what the booklet for
Yxy(64.9657, 0.3830, 0.3740)
contains.

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Color

Yxy(64.9189, 0.3830, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	F9CAA0
RGB	249, 202, 160
RGB Percent	98%, 79%, 63%
CMY	0.0235, 0.2078, 0.3727
CMYK	0.00, 0.19, 0.36, 0.02
HSL	28°, 88%, 80%
HSV	28°, 36%, 98%
XYZ	66.5345, 64.9189, 42.2659
YIQ	211.2650, 41.4940, -3.0980

Conversions

Conversions Part 2

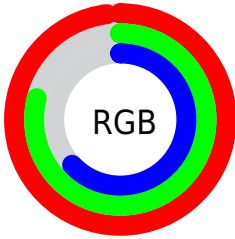
Format	Color
R _Y B	249, 240, 160
Decimal	16370336
CIE Lab	84.44, 11.02, 27.28
CIE LCh	84, 29.421, 68.011
Yxy	64.9189, 0.3830, 0.3737
Android (android.graphics.Color)	4294560416 (0xFFFF9CAA0)
YUV	211.2650, -25.2736, 33.0936
Hunter-Lab	80.5723, 6.3992, 25.2987

Details

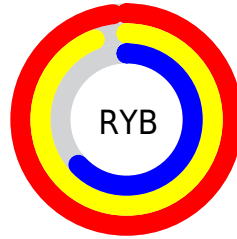
The Yxy color $64.9189, 0.3830, 0.3737$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $58.9273, 0.2555, 0.2793$, and the grayscale version is $65.4765, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6863, 0.3364, 0.3681$, and $33.3389, 0.4002, 0.3836$ is the 20% darker color. If you saturate the color by 10%, you get $58.2270, 0.4087, 0.3862$, and if you desaturate by 10%, it is $72.3170, 0.3600, 0.3608$.

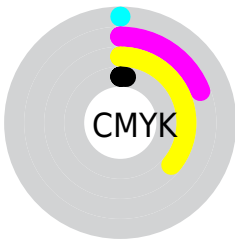
Distribution



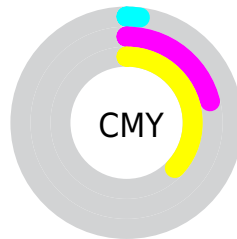
- Red (98%)
- Green (79%)
- Blue (63%)



- Red (98%)
- Yellow (94%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9189, 0.3830, 0.3737 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 64.9189, 0.3830, 0.3737 by changing the saturation by 10% instead.


 64.9189, 0.3830,
0.3737


 64.9189, 0.3830,
0.3737


442.5005, 0.3497,
0.3535

 47.3953, 0.3907,
0.3781


 111.9333, 0.3714,
0.3669

 33.3483, 0.4002,
0.3834


 142.1928, 0.3669,
0.3641

 22.3934, 0.4123,
0.3898


177.4665, 0.3630,
0.3618

 14.1462, 0.4280,
0.3977

218.1387, 0.3596,
0.3597

 8.2224, 0.4492,
0.4074

264.5938, 0.3567,
0.3579

 4.2376, 0.4784,
0.4188

317.2162, 0.3541,

 1.8074, 0.5476,

0.3563

0.4524

376.3903, 0.3518,
0.3548

0.4917, 0.5996,
0.4004

0.0000, 0.0000,
0.0000

64.9189, 0.3830,
0.3737

64.9189, 0.3830,
0.3737

58.2270, 0.4087,
0.3862

72.3170, 0.3600,
0.3608

52.2087, 0.4365,
0.3972

80.4345, 0.3396,
0.3480

46.8419, 0.4655,
0.4058

89.2953, 0.3219,
0.3357

42.0993, 0.4943,
0.4104

98.6215, 0.3090,
0.3286

37.9508, 0.5209,
0.4099

98.8827, 0.3090,
0.3290

34.3619, 0.5433,
0.4038

32.9932, 0.5517,
0.4001

Harmonies

Analogous

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



64.9189, 0.3842, 0.3457



64.9189, 0.3830, 0.3737



64.9189, 0.3622, 0.3921

Triad

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



64.9189, 0.3830, 0.3737



64.9189, 0.2624, 0.3402



64.9189, 0.2935, 0.2731

Complementary

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



64.9189, 0.3830, 0.3737



58.9273, 0.2555, 0.2793

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.



64.9189, 0.2633, 0.2693



64.9189, 0.3830, 0.3737



64.9189, 0.2462, 0.3055

Square

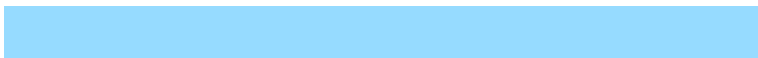
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9189, 0.3830, 0.3737



64.9189, 0.2922, 0.3737



64.9189, 0.2465, 0.2802



64.9189, 0.3308, 0.2897

Rectangle

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



64.9189, 0.3830, 0.3737



64.9189, 0.3407, 0.3951



64.9189, 0.2465, 0.2802



64.9189, 0.2822, 0.2702

Sweetspot

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



64.9219, 0.3830, 0.3737



89.2359, 0.3309, 0.3421



49.8006, 0.3529, 0.2792



18.8306, 0.3333, 0.3438



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.



64.9219, 0.3830, 0.3737



63.2976, 0.4015, 0.3829



88.6202, 0.3676, 0.4156



18.5764, 0.3282, 0.3402



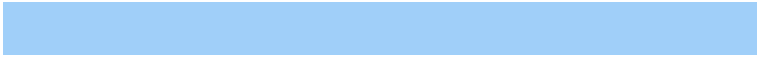
17.9378, 0.5491, 0.4022



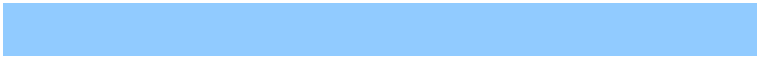
1.8718, 0.5296, 0.4177

Inverse Universe

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



58.9273, 0.2555, 0.2793



56.0969, 0.2438, 0.2671



40.4824, 0.2479, 0.2246



18.1600, 0.2980, 0.3175



12.7036, 0.1797, 0.1670



1.3889, 0.1855, 0.1877

Previews

White Background



This preview shows how the Yxy color 64.9189, 0.3830, 0.3737 looks on a white background.

Color Contrast Check

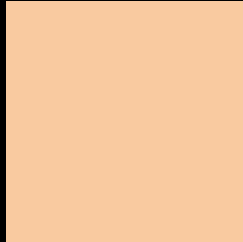
Large Text (above 18pt) WCAG AA × Fail

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 64.9189, 0.3830, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

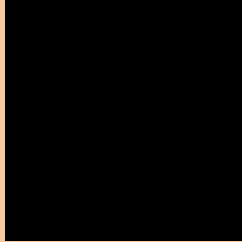
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9189, 0.3830, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 64.9189, 0.3830, 0.3737.



This preview shows how white text looks on a background with the Yxy color 64.9189, 0.3830, 0.3737.

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

64.9189, 0.3830, 0.3737

Protanopia

65.2764, 0.3574, 0.3821

Deuteranopia

64.7356, 0.3821, 0.3738



Tritanopia

64.7542, 0.3489, 0.3137

Trichromacy



Original Color

64.9189, 0.3830, 0.3737

Protanomaly

65.2485, 0.3663, 0.3788

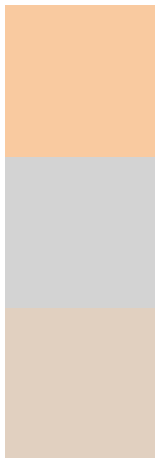
Deuteranomaly

64.7356, 0.3821, 0.3738

Tritanomaly

64.8894, 0.3611, 0.3354

Monochromacy



Original Color

64.9189, 0.3830, 0.3737

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9251, 0.3373, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9189, 0.3830, 0.3737 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(249, 202, 160)` looks like.

```
.text, #text, p{  
    color:rgb(249, 202, 160)  
}
```

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(249, 202, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 202, 160) }
```

Border

The CSS property to change the border of an element to Yxy 64.9189, 0.3830, 0.3737 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(249, 202, 160) }
```

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

```
.border{ border-color:rgb(249, 202, 160) }
```

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

Here you see how a box with a 4 pixel rgb(249, 202, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 202, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 202, 160);  
box-shadow:4px 4px 4px 4px rgb(249, 202,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9189, 0.3830, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 202, 160) }
```

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

```
.background{ background-color: rgb(249,  
202, 160) }
```

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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