

Converting Colors

$Yxy(60.2524, 0.3810, 0.3729)$

Have a look what the booklet for
Yxy(60.2524, 0.3810, 0.3729)
contains.

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Color

Yxy(60.4054, 0.3809, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	F0C49C
RGB	240, 196, 156
RGB Percent	94%, 77%, 61%
CMY	0.0587, 0.2314, 0.3883
CMYK	0.00, 0.18, 0.35, 0.06
HSL	29°, 74%, 78%
HSV	29°, 35%, 94%
XYZ	61.6848, 60.4054, 39.8546
YIQ	204.5960, 39.0640, -3.1120

Conversions

Conversions Part 2

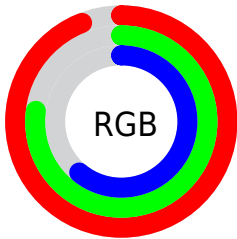
Format	Color
R _Y B	240, 232, 156
Decimal	15778972
CIE Lab	82.06, 10.23, 26.00
CIE LCh	82, 27.940, 68.519
Yxy	60.4054, 0.3809, 0.3730
Android (android.graphics.Color)	4293969052 (0xFFFF0C49C)
YUV	204.5960, -23.9578, 31.0493
Hunter-Lab	77.7209, 5.6585, 24.0012

Details

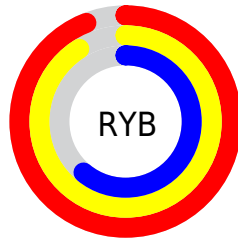
The Yxy color **60.4054, 0.3809, 0.3730** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.6851, 0.2567, 0.2802**, and the grayscale version is **60.9196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2137, 0.3391, 0.3702**, and **30.4128, 0.3992, 0.3830** is the 20% darker color. If you saturate the color by 10%, you get **54.2351, 0.4062, 0.3856**, and if you desaturate by 10%, it is **67.2179, 0.3582, 0.3600**.

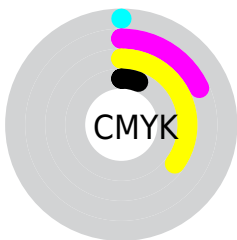
Distribution



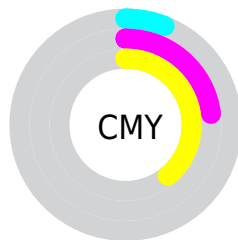
- Red (94%)
- Green (77%)
- Blue (61%)



- Red (94%)
- Yellow (91%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4054, 0.3809, 0.3730 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 60.4054, 0.3809, 0.3730 by changing the saturation by 10% instead.

 60.4054, 0.3809,
0.3730


 60.4054, 0.3809,
0.3730


426.0905, 0.3482,
0.3528

 43.7455, 0.3886,
0.3775


 105.4175, 0.3694,
0.3661

 30.4705, 0.3982,
0.3829


 134.5385, 0.3649,
0.3634

 20.1960, 0.4104,
0.3896


168.5820, 0.3611,
0.3610

 12.5376, 0.4264,
0.3978

207.9324, 0.3579,
0.3590

 7.1109, 0.4483,
0.4081

252.9740, 0.3550,
0.3572

 3.5316, 0.4793,
0.4206

304.0913, 0.3525,

 1.4151, 0.5481,

0.3555

0.4519

361.6686, 0.3502,
0.3541

0.2278, 0.6718,
0.3282

0.0000, 0.0000,
0.0000

60.4054, 0.3809,
0.3730

60.4054, 0.3809,
0.3730

54.2351, 0.4062,
0.3856

67.2179, 0.3582,
0.3600

48.6773, 0.4337,
0.3969

74.6840, 0.3381,
0.3472

43.7123, 0.4625,
0.4058

82.8254, 0.3206,
0.3349

39.3157, 0.4911,
0.4109

91.6604, 0.3054,
0.3234

■ 35.4605, 0.5177,
0.4110

■ 97.2721, 0.3036,
0.3290

■ 32.1160, 0.5403,
0.4055

■ 30.6224, 0.5503,
0.4013

Harmonies

Analogous

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



60.4054, 0.3824, 0.3458



60.4054, 0.3809, 0.3730



60.4054, 0.3604, 0.3906

Triad

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



60.4054, 0.3809, 0.3730



60.4054, 0.2633, 0.3394



60.4054, 0.2946, 0.2747

Complementary

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



60.4054, 0.3809, 0.3730



54.6851, 0.2567, 0.2802

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.



60.4054, 0.2650, 0.2708



60.4054, 0.3809, 0.3730



60.4054, 0.2478, 0.3057

Square

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



60.4054, 0.3809, 0.3730



60.4054, 0.2922, 0.3720



60.4054, 0.2484, 0.2813



60.4054, 0.3309, 0.2911

Rectangle

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



60.4054, 0.3809, 0.3730



60.4054, 0.3394, 0.3932



60.4054, 0.2484, 0.2813



60.4054, 0.2836, 0.2718

Sweetspot

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



60.4082, 0.3809, 0.3730



89.3005, 0.3309, 0.3422



46.5133, 0.3517, 0.2803



18.8459, 0.3333, 0.3439



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.



60.4082, 0.3809, 0.3730



64.1839, 0.3987, 0.3821



81.6380, 0.3664, 0.4137



16.9999, 0.3281, 0.3403



17.0198, 0.5477, 0.4033



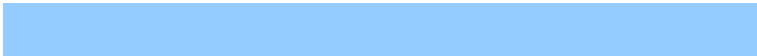
1.6138, 0.5264, 0.4202

Inverse Universe

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



54.6851, 0.2567, 0.2802



56.7046, 0.2453, 0.2683



38.0843, 0.2496, 0.2274



16.5997, 0.2980, 0.3175



11.8491, 0.1794, 0.1660



1.1849, 0.1858, 0.1889

Previews

White Background



This preview shows how the Yxy color 60.4054, 0.3809, 0.3730 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 60.4054, 0.3809, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

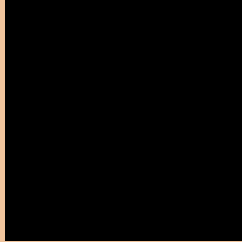
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4054, 0.3809, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 60.4054, 0.3809, 0.3730.



This preview shows how white text looks on a background with the Yxy color 60.4054, 0.3809, 0.3730.

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

60.4054, 0.3809, 0.3730

Protanopia

60.6292, 0.3566, 0.3803

Deuteranopia

60.4054, 0.3809, 0.3730



Tritanopia

60.1673, 0.3474, 0.3131

Trichromacy



Original Color

60.4054, 0.3809, 0.3730

Protanomaly

60.4452, 0.3649, 0.3770

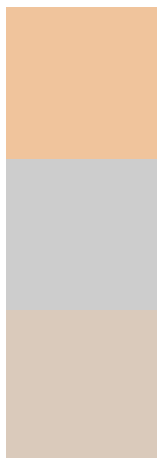
Deuteranomaly

60.4054, 0.3809, 0.3730

Tritanomaly

60.3418, 0.3592, 0.3345

Monochromacy



Original Color

60.4054, 0.3809, 0.3730

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7343, 0.3365, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4054, 0.3809, 0.3730 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(240, 196, 156)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 156)  
}
```

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(240, 196, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 156) }
```

Border

The CSS property to change the border of an element to Yxy 60.4054, 0.3809, 0.3730 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(240, 196, 156) }
```

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

```
.border{ border-color:rgb(240, 196, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 196, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 156);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4054, 0.3809, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 156) }
```

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

```
.background{ background-color: rgb(240,  
196, 156) }
```

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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