

Converting Colors

Yxy(58.9754, 0.3828, 0.3716)

Have a look what the booklet for
Yxy(58.9754, 0.3828, 0.3716)
contains.

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Color

Yxy(59.0318, 0.3828, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	F0C19B
RGB	240, 193, 155
RGB Percent	94%, 76%, 61%
CMY	0.0588, 0.2431, 0.3921
CMYK	0.00, 0.20, 0.35, 0.06
HSL	27°, 74%, 77%
HSV	27°, 35%, 94%
XYZ	60.9258, 59.0318, 39.2007
YIQ	202.7210, 40.2100, -1.8540

Conversions

Conversions Part 2

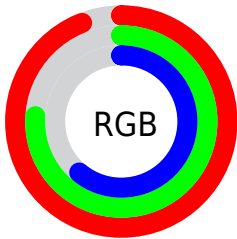
Format	Color
R _Y B	240, 224, 155
Decimal	15778203
CIE Lab	81.31, 11.68, 25.50
CIE LCh	81, 28.042, 65.392
Yxy	59.0318, 0.3828, 0.3709
Android (android.graphics.Color)	4293968283 (0xFFFF0C19B)
YUV	202.7210, -23.5265, 32.6937
Hunter-Lab	76.8322, 7.0893, 23.5320

Details

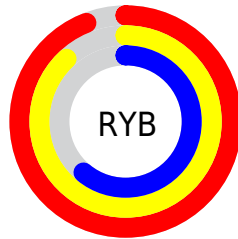
The Yxy color **59.0318, 0.3828, 0.3709** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5177, 0.2565, 0.2827**, and the grayscale version is **59.6712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6645, 0.3403, 0.3675**, and **29.5320, 0.4011, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **52.6980, 0.4089, 0.3827**, and if you desaturate by 10%, it is **66.0584, 0.3595, 0.3586**.

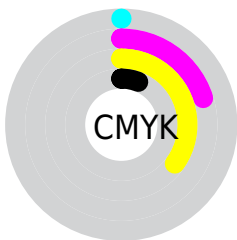
Distribution



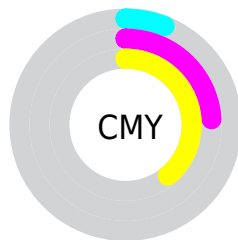
- Red (94%)
- Green (76%)
- Blue (61%)



- Red (94%)
- Yellow (88%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0318, 0.3828, 0.3709 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 59.0318, 0.3828, 0.3709 by changing the saturation by 10% instead.


 59.0318, 0.3828,
0.3709


 59.0318, 0.3828,
0.3709


421.0198, 0.3490,
0.3517

 42.6387, 0.3908,
0.3751


 103.4239, 0.3708,
0.3643

 29.6018, 0.4008,
0.3802


 132.1917, 0.3663,
0.3618

 19.5365, 0.4135,
0.3865


165.8532, 0.3623,
0.3595

 12.0586, 0.4304,
0.3942

204.7927, 0.3590,
0.3576

 6.7836, 0.4535,
0.4037

249.3948, 0.3560,
0.3559

 3.3271, 0.4868,
0.4151

300.0437, 0.3534,

 1.3048, 0.5580,

0.3543

0.4420

357.1239, 0.3511,
0.3530

0.1449, 0.7447,
0.2553

0.0000, 0.0000,
0.0000

59.0318, 0.3828,
0.3709

59.0318, 0.3828,
0.3709

52.6980, 0.4089,
0.3827

66.0584, 0.3595,
0.3586

47.0252, 0.4375,
0.3933

73.7914, 0.3390,
0.3465

41.9914, 0.4676,
0.4013

82.2546, 0.3213,
0.3350

37.5696, 0.4976,
0.4056

91.4679, 0.3060,
0.3241

■ 33.7301, 0.5256,
0.4049

■ 97.2674, 0.3035,
0.3290

■ 30.4393, 0.5493,
0.3986

■ 29.0963, 0.5589,
0.3945

Harmonies

Analogous

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



59.0318, 0.3821, 0.3428



59.0318, 0.3828, 0.3709



59.0318, 0.3638, 0.3901

Triad

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



59.0318, 0.3828, 0.3709



59.0318, 0.2653, 0.3432



59.0318, 0.2908, 0.2730

Complementary

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



59.0318, 0.3828, 0.3709



55.5177, 0.2565, 0.2827

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.



59.0318, 0.2620, 0.2705



59.0318, 0.3828, 0.3709



59.0318, 0.2480, 0.3086

Square

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



59.0318, 0.3828, 0.3709



59.0318, 0.2956, 0.3753



59.0318, 0.2468, 0.2827



59.0318, 0.3272, 0.2884

Rectangle

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



59.0318, 0.3828, 0.3709



59.0318, 0.3433, 0.3941



59.0318, 0.2468, 0.2827



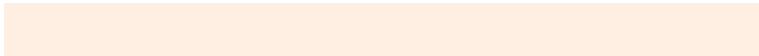
59.0318, 0.2800, 0.2706

Sweetspot

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



59.0346, 0.3828, 0.3709



88.8206, 0.3310, 0.3414



46.2966, 0.3496, 0.2768



18.7318, 0.3334, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

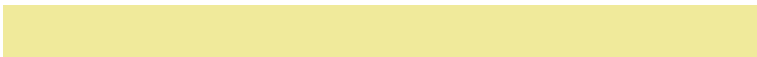
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.0346, 0.3828, 0.3709



62.7669, 0.4001, 0.3790



79.9375, 0.3679, 0.4120



16.9218, 0.3282, 0.3396



16.1826, 0.5561, 0.3966



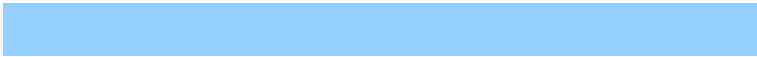
1.5419, 0.5337, 0.4144

Inverse Universe

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



55.5177, 0.2565, 0.2827



58.1998, 0.2459, 0.2721



38.6419, 0.2492, 0.2296



16.6785, 0.2980, 0.3182



12.8591, 0.1822, 0.1759



1.2681, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 59.0318, 0.3828, 0.3709 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 59.0318, 0.3828, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

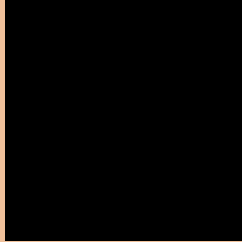
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0318, 0.3828, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 59.0318, 0.3828, 0.3709.



This preview shows how white text looks on a background with the Yxy color 59.0318, 0.3828, 0.3709.

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

59.0318, 0.3828, 0.3709

Protanopia

59.1913, 0.3554, 0.3797

Deuteranopia

59.1273, 0.3807, 0.3723



Tritanopia

59.1702, 0.3503, 0.3142

Trichromacy



Original Color

59.0318, 0.3828, 0.3709

Protanomaly

59.1628, 0.3646, 0.3762

Deuteranomaly

59.3009, 0.3816, 0.3721

Tritanomaly

58.9106, 0.3624, 0.3346

Monochromacy



Original Color

59.0318, 0.3828, 0.3709

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9909, 0.3361, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0318, 0.3828, 0.3709 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, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(240, 193, 155)  
}
```

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, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 193, 155) }
```

Border

The CSS property to change the border of an element to Yxy 59.0318, 0.3828, 0.3709 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, 193, 155) }
```

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

```
.border{ border-color:rgb(240, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(240, 193,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0318, 0.3828, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 193, 155) }
```

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

```
.background{ background-color: rgb(240,  
193, 155) }
```

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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