

Converting Colors

Yxy(59.7622, 0.4089, 0.4081)

Have a look what the booklet for
Yxy(59.7622, 0.4089, 0.4081)
contains.

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Color

Yxy(59.7622, 0.4089, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	F2C47A
RGB	242, 196, 122
RGB Percent	95%, 77%, 48%
CMY	0.0509, 0.2314, 0.5215
CMYK	0.00, 0.19, 0.50, 0.05
HSL	37°, 82%, 71%
HSV	37°, 50%, 95%
XYZ	59.8794, 59.7622, 26.7985
YIQ	201.3180, 51.1700, -13.2620

Conversions

Conversions Part 2

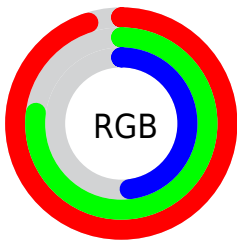
Format	Color
RYB	197, 242, 122
Decimal	15910010
CIELab	81.71, 7.47, 43.13
CIELCh	82, 43.769, 80.171
Yxy	59.7622, 0.4089, 0.4081
Android (android.graphics.Color)	4294100090 (0xFFFF2C47A)
YUV	201.3180, -39.1038, 35.6781
Hunter-Lab	77.3060, 2.9762, 33.5610

Details

The Yxy color **59.7622, 0.4089, 0.4081** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.5791, 0.2292, 0.2322**, and the grayscale version is **58.8440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0154, 0.3605, 0.4040**, and **29.8682, 0.4314, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **55.1781, 0.4319, 0.4216**, and if you desaturate by 10%, it is **64.7606, 0.3864, 0.3927**.

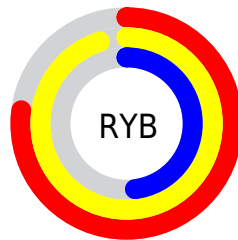
Distribution



Red (95%)

Green (77%)

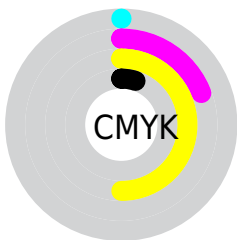
Blue (48%)



Red (77%)

Yellow (95%)

Blue (48%)

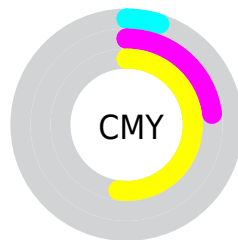


Cyan (0%)

Magenta (19%)

Yellow (50%)

Black (5%)



Cyan (5%)


Magenta (23%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7622, 0.4089, 0.4081 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 59.7622, 0.4089, 0.4081 by changing the saturation by 10% instead.


 59.7622, 0.4089,
0.4081


 59.7622, 0.4089,
0.4081

423.7207, 0.3638,
0.3723

 43.2270, 0.4190,
0.4157


 104.4846, 0.3933,
0.3961

 30.0633, 0.4312,
0.4246


 133.4406, 0.3872,
0.3913

 19.8866, 0.4461,
0.4351


 167.3057, 0.3820,
0.3871

 12.3126, 0.4644,
0.4471

206.4642, 0.3774,
0.3834

 6.9570, 0.4866,
0.4600

251.3006, 0.3733,
0.3801

 3.4352, 0.5210,
0.4790

302.1992, 0.3698,

 1.3629, 0.5328,

0.3772

0.4672

359.5444, 0.3666,
0.3746

0.1892, 0.6569,
0.3431

0.0000, 0.0000,
0.0000

59.7622, 0.4089,
0.4081

59.7622, 0.4089,
0.4081

55.1781, 0.4319,
0.4216

64.7606, 0.3864,
0.3927

50.9838, 0.4545,
0.4318


70.1794, 0.3652,
0.3763


47.1646, 0.4754,
0.4378

76.0352, 0.3457,
0.3598


43.7000, 0.4935,
0.4385


82.3407, 0.3280,
0.3437

 40.5605, 0.5083,
0.4343

 89.1083, 0.3121,
0.3284

 40.4354, 0.5089,
0.4341

 95.5356, 0.3048,
0.3258

 97.6225, 0.3048,
0.3290

Harmonies

Analogous

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



59.7622, 0.4253, 0.3688



59.7622, 0.4089, 0.4081



59.7622, 0.3668, 0.4306

Triad

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



59.7622, 0.4089, 0.4081



59.7622, 0.2248, 0.3219



59.7622, 0.3049, 0.2548

Complementary

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



59.7622, 0.4089, 0.4081



38.5791, 0.2292, 0.2322

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.



59.7622, 0.2544, 0.2409



59.7622, 0.4089, 0.4081



59.7622, 0.2117, 0.2738

Square

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



59.7622, 0.4089, 0.4081



59.7622, 0.2606, 0.3791



59.7622, 0.2220, 0.2464



59.7622, 0.3624, 0.2846

Rectangle

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



59.7622, 0.4089, 0.4081



59.7622, 0.3309, 0.4287



59.7622, 0.2220, 0.2464



59.7622, 0.2866, 0.2482

Sweetspot

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



59.7651, 0.4089, 0.4081



88.7695, 0.3374, 0.3524



35.7105, 0.3947, 0.2772



18.6826, 0.3412, 0.3558



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.



59.7651, 0.4089, 0.4081



62.3328, 0.4309, 0.4210



81.7553, 0.3767, 0.4535



17.3813, 0.3278, 0.3435



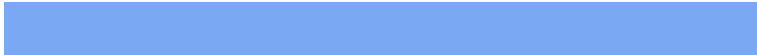
21.9889, 0.5070, 0.4356



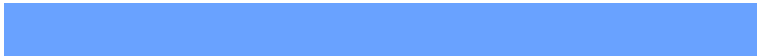
2.0211, 0.4924, 0.4472

Inverse Universe

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



38.5791, 0.2292, 0.2322



36.1301, 0.2132, 0.2094



25.4077, 0.2257, 0.1747



16.2228, 0.2980, 0.3140



7.8785, 0.1671, 0.1216



0.8422, 0.1744, 0.1477

Previews

White Background



This preview shows how the Yxy color 59.7622, 0.4089, 0.4081 looks on a white background.

Color Contrast Check

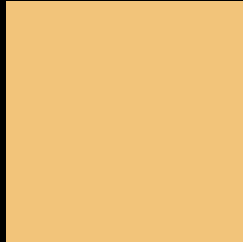
Large Text (above 18pt) WCAG AA × Fail

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 59.7622, 0.4089, 0.4081 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 59.7622, 0.4089, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 59.7622, 0.4089, 0.4081.



This preview shows how white text looks on a background with the Yxy color 59.7622, 0.4089, 0.4081.

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

59.7622, 0.4089, 0.4081

Protanopia

59.7221, 0.3861, 0.4179

Deuteranopia

59.7629, 0.4142, 0.4048



Tritanopia

59.4746, 0.3538, 0.3133

Trichromacy



Original Color

59.7622, 0.4089, 0.4081

Protanomaly

59.4218, 0.3942, 0.4139

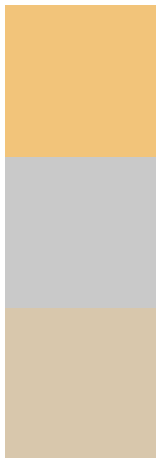
Deuteranomaly

59.8478, 0.4120, 0.4063

Tritanomaly

59.3983, 0.3748, 0.3486

Monochromacy



Original Color

59.7622, 0.4089, 0.4081

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4243, 0.3469, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7622, 0.4089, 0.4081 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(242, 196, 122)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 122)  
}
```

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(242, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 122) }
```

Border

The CSS property to change the border of an element to Yxy 59.7622, 0.4089, 0.4081 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(242, 196, 122) }
```

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

```
.border{ border-color:rgb(242, 196, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 196, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 196, 122); box-shadow:4px 4px 4px 4px rgb(242, 196, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7622, 0.4089, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 122) }
```

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

```
.background{ background-color: rgb(242,  
196, 122) }
```

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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