

Converting Colors

Yxy(59.8617, 0.4061, 0.4096)

Have a look what the booklet for
Yxy(59.8617, 0.4061, 0.4096)
contains.

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Color

Yxy(59.8629, 0.4066, 0.4097)

Conversions

Conversions Part 1

Format	Color
Hex	F0C57A
RGB	240, 197, 122
RGB Percent	94%, 77%, 48%
CMY	0.0589, 0.2274, 0.5215
CMYK	0.00, 0.18, 0.49, 0.06
HSL	38°, 80%, 71%
HSV	38°, 49%, 94%
XYZ	59.4099, 59.8629, 26.8411
YIQ	201.3070, 49.7030, -14.2090

Conversions

Conversions Part 2

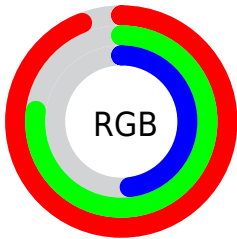
Format	Color
R _Y B	190, 240, 122
Decimal	15779194
CIE Lab	81.76, 6.11, 43.15
CIE LCh	82, 43.585, 81.938
Yxy	59.8629, 0.4066, 0.4097
Android (android.graphics.Color)	4293969274 (0xFFFF0C57A)
YUV	201.3070, -39.0984, 33.9338
Hunter-Lab	77.3711, 1.6630, 33.5912

Details

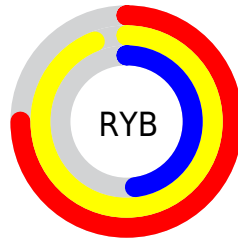
The Yxy color **59.8629, 0.4066, 0.4097** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.3337, 0.2294, 0.2302**, and the grayscale version is **58.8349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2782, 0.3599, 0.4058**, and **30.0449, 0.4293, 0.4264** is the 20% darker color. If you saturate the color by 10%, you get **55.4867, 0.4289, 0.4237**, and if you desaturate by 10%, it is **64.6218, 0.3847, 0.3938**.

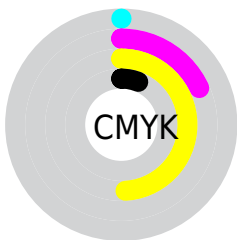
Distribution



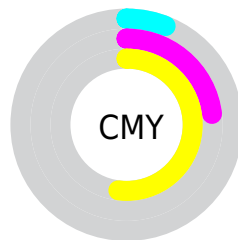
- Red (94%)
- Green (77%)
- Blue (48%)



- Red (75%)
- Yellow (94%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8629, 0.4066, 0.4097 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 59.8629, 0.4066, 0.4097 by changing the saturation by 10% instead.


 59.8629, 0.4066,
0.4097

 59.8629, 0.4066,
0.4097


424.0922, 0.3626,
0.3730

 43.3081, 0.4164,
0.4175

 104.6308, 0.3914,
0.3973

 30.1270, 0.4283,
0.4268


 133.6127, 0.3855,
0.3924

 19.9350, 0.4427,
0.4377


 167.5057, 0.3804,
0.3881

 12.3478, 0.4604,
0.4504


206.6943, 0.3759,
0.3843

 6.9810, 0.4818,
0.4643

251.5629, 0.3720,
0.3810

 3.4502, 0.5149,
0.4851

302.4958, 0.3685,

 1.3711, 0.5246,

0.3780

0.4754

359.8774, 0.3654,
0.3754

0.1952, 0.6316,
0.3684

0.0000, 0.0000,
0.0000

59.8629, 0.4066,
0.4097

59.8629, 0.4066,
0.4097

55.4867, 0.4289,
0.4237

64.6218, 0.3847,
0.3938

51.4699, 0.4507,
0.4345


69.7687, 0.3639,
0.3770


47.7988, 0.4708,
0.4410


75.3189, 0.3447,
0.3600

44.4543, 0.4881,
0.4425


81.2846, 0.3272,
0.3435

 41.4096, 0.5022,
0.4389

 87.6769, 0.3115,
0.3277

 41.1633, 0.5034,
0.4385

 93.7773, 0.3036,
0.3235

 97.2616, 0.3035,
0.3290

Harmonies

Analogous

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



59.8629, 0.4247, 0.3712



59.8629, 0.4066, 0.4097



59.8629, 0.3636, 0.4305

Triad

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



59.8629, 0.4066, 0.4097



59.8629, 0.2238, 0.3187



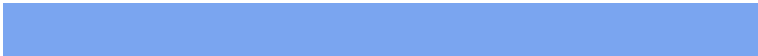
59.8629, 0.3083, 0.2565

Complementary

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



59.8629, 0.4066, 0.4097



37.3337, 0.2294, 0.2302

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.



59.8629, 0.2572, 0.2415



59.8629, 0.4066, 0.4097



59.8629, 0.2120, 0.2719

Square

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



59.8629, 0.4066, 0.4097



59.8629, 0.2582, 0.3757



59.8629, 0.2237, 0.2459



59.8629, 0.3654, 0.2869

Rectangle

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



59.8629, 0.4066, 0.4097



59.8629, 0.3276, 0.4273



59.8629, 0.2237, 0.2459



59.8629, 0.2899, 0.2495

Sweetspot

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



59.8657, 0.4066, 0.4097



89.2075, 0.3373, 0.3531



35.1718, 0.3984, 0.2819



18.7884, 0.3411, 0.3567



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.



59.8657, 0.4066, 0.4097



63.6720, 0.4290, 0.4237



79.6010, 0.3733, 0.4538



17.4345, 0.3277, 0.3440



22.7997, 0.5016, 0.4399



2.0853, 0.4879, 0.4508

Inverse Universe

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



37.3337, 0.2294, 0.2302



35.1129, 0.2123, 0.2055



25.5954, 0.2295, 0.1773



16.1714, 0.2980, 0.3136



7.4433, 0.1656, 0.1162



0.8023, 0.1729, 0.1424

Previews

White Background



This preview shows how the Yxy color 59.8629, 0.4066, 0.4097 looks on a white background.

Color Contrast Check

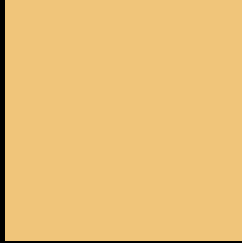
Large Text (above 18pt) WCAG AA × Fail

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 59.8629, 0.4066, 0.4097 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 59.8629, 0.4066, 0.4097

Background



This preview shows how black text looks on a background with the Yxy color 59.8629, 0.4066, 0.4097.



This preview shows how white text looks on a background with the Yxy color 59.8629, 0.4066, 0.4097.

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

59.8629, 0.4066, 0.4097

Protanopia

59.6967, 0.3868, 0.4189

Deuteranopia

59.7878, 0.4135, 0.4038



Tritanopia

59.5791, 0.3511, 0.3132

Trichromacy



Original Color

59.8629, 0.4066, 0.4097

Protanomaly

59.8614, 0.3944, 0.4159

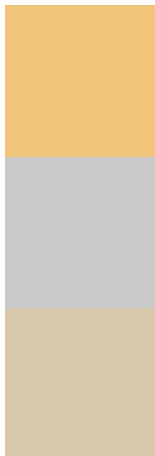
Deuteranomaly

59.6934, 0.4104, 0.4056

Tritanomaly

59.5118, 0.3720, 0.3487

Monochromacy



Original Color

59.8629, 0.4066, 0.4097

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7342, 0.3459, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8629, 0.4066, 0.4097 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, 197, 122)` looks like.

```
.text, #text, p{  
    color:rgb(240, 197, 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(240, 197, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 197, 122) }
```

Border

The CSS property to change the border of an element to Yxy 59.8629, 0.4066, 0.4097 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, 197, 122) }
```

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

```
.border{ border-color:rgb(240, 197, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 197, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 197, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 197, 122);  
box-shadow:4px 4px 4px 4px rgb(240, 197,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8629, 0.4066, 0.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 197, 122) }
```

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

```
.background{ background-color: rgb(240,  
197, 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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