

Converting Colors

Yxy(59.3161, 0.4089, 0.4114)

Have a look what the booklet for
Yxy(59.3161, 0.4089, 0.4114)
contains.

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Color

Yxy(59.3370, 0.4094, 0.4117)

Conversions

Conversions Part 1

Format	Color
Hex	F0C477
RGB	240, 196, 119
RGB Percent	94%, 77%, 47%
CMY	0.0588, 0.2314, 0.5335
CMYK	0.00, 0.18, 0.50, 0.06
HSL	38°, 80%, 70%
HSV	38°, 50%, 94%
XYZ	59.0055, 59.3370, 25.7843
YIQ	200.3780, 50.9410, -14.6190

Conversions

Conversions Part 2

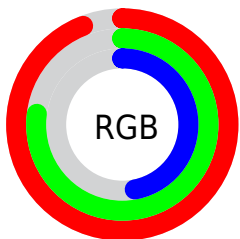
Format	Color
R _Y B	188, 240, 119
Decimal	15778935
CIE Lab	81.48, 6.38, 44.33
CIE LCh	81, 44.784, 81.812
Yxy	59.3370, 0.4094, 0.4117
Android (android.graphics.Color)	4293969015 (0xFFFF0C477)
YUV	200.3780, -40.1194, 34.7485
Hunter-Lab	77.0305, 1.9279, 34.0753

Details

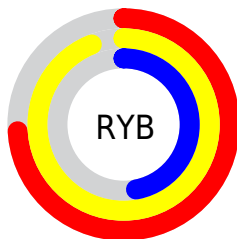
The Yxy color **59.3370, 0.4094, 0.4117** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.3950, 0.2271, 0.2269**, and the grayscale version is **58.2330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8594, 0.3629, 0.4079**, and **29.7084, 0.4328, 0.4285** is the 20% darker color. If you saturate the color by 10%, you get **55.0116, 0.4317, 0.4253**, and if you desaturate by 10%, it is **64.0425, 0.3874, 0.3960**.

Distribution



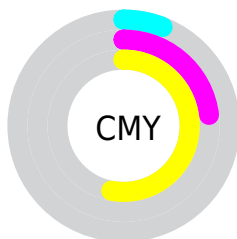
- Red (94%)
- Green (77%)
- Blue (47%)



- Red (74%)
- Yellow (94%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3370, 0.4094, 0.4117 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 59.3370, 0.4094, 0.4117 by changing the saturation by 10% instead.


 59.3370, 0.4094,
0.4117

 59.3370, 0.4094,
0.4117


422.1496, 0.3641,
0.3742

 42.8845, 0.4195,
0.4197


 103.8673, 0.3938,
0.3991

 29.7945, 0.4316,
0.4290


 132.7139, 0.3877,
0.3940

 19.6826, 0.4464,
0.4400


 166.4605, 0.3824,
0.3896

 12.1646, 0.4642,
0.4526

205.4917, 0.3778,
0.3858

 6.8559, 0.4862,
0.4665

250.1918, 0.3738,
0.3824

 3.3721, 0.5163,
0.4837

300.9453, 0.3702,

 1.3290, 0.5266,

0.3793

0.4734

358.1364, 0.3670,
0.3766

0.1635, 0.6555,
0.3445

0.0000, 0.0000,
0.0000

59.3370, 0.4094,
0.4117

59.3370, 0.4094,
0.4117

55.0116, 0.4317,
0.4253

64.0425, 0.3874,
0.3960

51.0429, 0.4533,
0.4357

69.1335, 0.3665,
0.3792

47.4170, 0.4731,
0.4416


74.6256, 0.3471,
0.3622

44.1143, 0.4899,
0.4424

80.5308, 0.3293,
0.3456

 41.2294, 0.5032,
0.4387

 86.8604, 0.3134,
0.3297

 93.1013, 0.3036,
0.3225

 97.2669, 0.3035,
0.3290

Harmonies

Analogous

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



59.3370, 0.4280, 0.3719



59.3370, 0.4094, 0.4117



59.3370, 0.3651, 0.4336

Triad

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



59.3370, 0.4094, 0.4117



59.3370, 0.2214, 0.3184



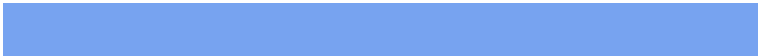
59.3370, 0.3078, 0.2544

Complementary

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



59.3370, 0.4094, 0.4117



36.3950, 0.2271, 0.2269

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.



59.3370, 0.2554, 0.2392



59.3370, 0.4094, 0.4117



59.3370, 0.2093, 0.2702

Square

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



59.3370, 0.4094, 0.4117



59.3370, 0.2567, 0.3774



59.3370, 0.2211, 0.2436



59.3370, 0.3667, 0.2856

Rectangle

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



59.3370, 0.4094, 0.4117



59.3370, 0.3281, 0.4306



59.3370, 0.2211, 0.2436



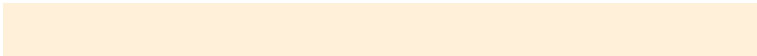
59.3370, 0.2889, 0.2474

Sweetspot

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



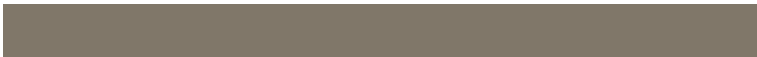
59.3398, 0.4094, 0.4117



89.2233, 0.3373, 0.3532



34.3690, 0.4017, 0.2808



18.7922, 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.



59.3398, 0.4094, 0.4117



62.7641, 0.4334, 0.4263



79.4833, 0.3746, 0.4567



17.4364, 0.3277, 0.3440



22.8295, 0.5015, 0.4400



2.0876, 0.4878, 0.4509

Inverse Universe

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



36.3950, 0.2271, 0.2269



33.6747, 0.2090, 0.2004



24.6367, 0.2269, 0.1729



16.1695, 0.2980, 0.3135



7.4282, 0.1656, 0.1160



0.8009, 0.1728, 0.1422

Previews

White Background



This preview shows how the Yxy color 59.3370, 0.4094, 0.4117 looks on a white background.

Color Contrast Check

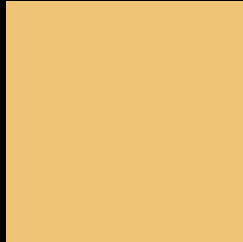
Large Text (above 18pt) WCAG AA × Fail

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 59.3370, 0.4094, 0.4117 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 59.3370, 0.4094, 0.4117

Background



This preview shows how black text looks on a background with the Yxy color 59.3370, 0.4094, 0.4117.



This preview shows how white text looks on a background with the Yxy color 59.3370, 0.4094, 0.4117.

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

59.3370, 0.4094, 0.4117

Protanopia

59.6219, 0.3889, 0.4221

Deuteranopia

59.0888, 0.4155, 0.4060



Tritanopia

59.1090, 0.3521, 0.3132

Trichromacy



Original Color

59.3370, 0.4094, 0.4117

Protanomaly

59.3226, 0.3971, 0.4180

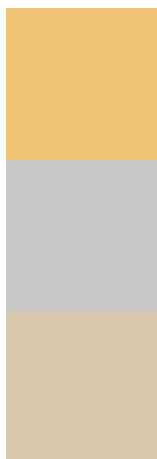
Deuteranomaly

59.1727, 0.4132, 0.4075

Tritanomaly

59.0003, 0.3740, 0.3498

Monochromacy



Original Color

59.3370, 0.4094, 0.4117

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2342, 0.3469, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3370, 0.4094, 0.4117 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 119) }
```

Border

The CSS property to change the border of an element to Yxy 59.3370, 0.4094, 0.4117 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, 119) }
```

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

```
.border{ border-color:rgb(240, 196, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 119);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3370, 0.4094, 0.4117 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, 119) }
```

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

```
.background{ background-color: rgb(240,  
196, 119) }
```

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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