

Converting Colors

$Yxy(62.3470, 0.4037, 0.4154)$

Have a look what the booklet for
Yxy(62.3470, 0.4037, 0.4154)
contains.

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Color

Yxy(62.1715, 0.4039, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	F0CA7A
RGB	240, 202, 122
RGB Percent	94%, 79%, 48%
CMY	0.0588, 0.2078, 0.5216
CMYK	0.00, 0.16, 0.49, 0.06
HSL	41°, 80%, 71%
HSV	41°, 49%, 94%
XYZ	60.5670, 62.1715, 27.2169
YIQ	204.2420, 48.3280, -16.8240

Conversions

Conversions Part 2

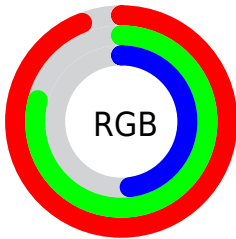
Format	Color
R _Y B	178, 240, 122
Decimal	15780474
CIE Lab	83.00, 3.52, 44.71
CIE LCh	83, 44.850, 85.497
Yxy	62.1715, 0.4039, 0.4146
Android (android.graphics.Color)	4293970554 (0xFFFF0CA7A)
YUV	204.2420, -40.5453, 31.3598
Hunter-Lab	78.8489, -0.8726, 34.7286

Details

The Yxy color **62.1715, 0.4039, 0.4146** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.5621, 0.2280, 0.2233**, and the grayscale version is **60.7841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **31.5798, 0.4248, 0.4325** is the 20% darker color. If you saturate the color by 10%, you get **58.1157, 0.4248, 0.4294**, and if you desaturate by 10%, it is **66.5616, 0.3831, 0.3978**.

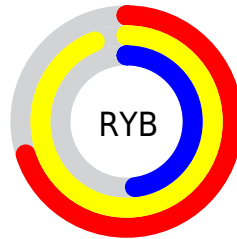
Distribution



Red (94%)

Green (79%)

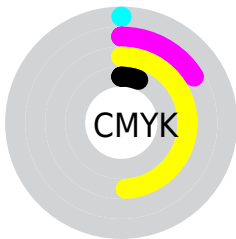
Blue (48%)



Red (70%)

Yellow (94%)

Blue (48%)

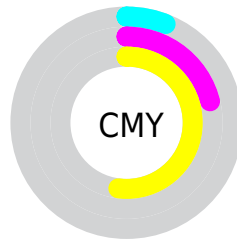


Cyan (0%)

Magenta (16%)

Yellow (49%)

Black (6%)



Cyan (6%)


Magenta (21%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1715, 0.4039, 0.4146 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 62.1715, 0.4039, 0.4146 by changing the saturation by 10% instead.

 62.1715, 0.4039,
0.4146


 62.1715, 0.4039,
0.4146


432.5564, 0.3617,
0.3756

 45.1713, 0.4132,
0.4229


 107.9734, 0.3895,
0.4014

 31.5924, 0.4243,
0.4328


 137.5438, 0.3838,
0.3962

 21.0503, 0.4377,
0.4446


 172.0731, 0.3788,
0.3916

 13.1608, 0.4539,
0.4582

211.9457, 0.3745,
0.3876

 7.5394, 0.4729,
0.4735

257.5459, 0.3707,
0.3841

 3.8016, 0.5028,
0.4972

309.2581, 0.3674,

 1.5632, 0.5081,

0.3810

0.4919

367.4668, 0.3644,
0.3782

■ 0.3326, 0.5473,
0.4527

■ 0.0000, 0.0000,
0.0000

■ 62.1715, 0.4039,
0.4146

■ 62.1715, 0.4039,
0.4146

■ 58.1157, 0.4248,
0.4294

■ 66.5616, 0.3831,
0.3978

■ 54.3717, 0.4448,
0.4410


■ 71.2896, 0.3631,
0.3800

■ 50.9273, 0.4630,
0.4483


■ 76.3700, 0.3444,
0.3620


■ 47.7647, 0.4784,
0.4506


■ 81.8136, 0.3271,
0.3444

 44.8583, 0.4906,
0.4482

 87.6307, 0.3115,
0.3276

 44.6259, 0.4916,
0.4479

 93.1027, 0.3036,
0.3225

 97.2645, 0.3035,
0.3290

Harmonies

Analogous

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



62.1715, 0.4259, 0.3768



62.1715, 0.4039, 0.4146



62.1715, 0.3580, 0.4328

Triad

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



62.1715, 0.4039, 0.4146



62.1715, 0.2198, 0.3119



62.1715, 0.3151, 0.2584

Complementary

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



62.1715, 0.4039, 0.4146



35.5621, 0.2280, 0.2233

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.



62.1715, 0.2617, 0.2411



62.1715, 0.4039, 0.4146



62.1715, 0.2108, 0.2666

Square

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



62.1715, 0.4039, 0.4146



62.1715, 0.2521, 0.3697



62.1715, 0.2253, 0.2430



62.1715, 0.3726, 0.2908

Rectangle

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



62.1715, 0.4039, 0.4146



62.1715, 0.3210, 0.4267



62.1715, 0.2253, 0.2430



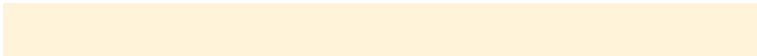
62.1715, 0.2960, 0.2507

Sweetspot

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



62.1744, 0.4039, 0.4146



90.1707, 0.3371, 0.3547



35.0262, 0.4032, 0.2861



19.0211, 0.3408, 0.3584



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.



62.1744, 0.4039, 0.4146



66.6874, 0.4248, 0.4294



78.9893, 0.3704, 0.4552



17.5511, 0.3276, 0.3450



24.6812, 0.4901, 0.4490



2.2325, 0.4785, 0.4583

Inverse Universe

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



35.5621, 0.2280, 0.2233



32.9726, 0.2105, 0.1971



25.9286, 0.2324, 0.1784



16.0594, 0.2980, 0.3125



6.5825, 0.1625, 0.1051



0.7210, 0.1698, 0.1311

Previews

White Background



This preview shows how the Yxy color 62.1715, 0.4039, 0.4146 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 62.1715, 0.4039, 0.4146 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 62.1715, 0.4039, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 62.1715, 0.4039, 0.4146.



This preview shows how white text looks on a background with the Yxy color 62.1715, 0.4039, 0.4146.

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

62.1715, 0.4039, 0.4146

Protanopia

62.2496, 0.3882, 0.4217

Deuteranopia

61.8718, 0.4151, 0.4056



Tritanopia

62.1607, 0.3469, 0.3133

Trichromacy



Original Color

62.1715, 0.4039, 0.4146

Protanomaly

62.0816, 0.3941, 0.4192

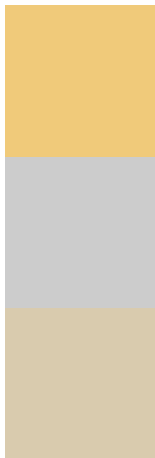
Deuteranomaly

62.0511, 0.4107, 0.4087

Tritanomaly

62.0269, 0.3688, 0.3507

Monochromacy



Original Color

62.1715, 0.4039, 0.4146

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5196, 0.3453, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1715, 0.4039, 0.4146 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, 202, 122)` looks like.

```
.text, #text, p{  
    color:rgb(240, 202, 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, 202, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 202, 122) }
```

Border

The CSS property to change the border of an element to Yxy 62.1715, 0.4039, 0.4146 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, 202, 122) }
```

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

```
.border{ border-color:rgb(240, 202, 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, 202, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 202, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 202, 122); box-shadow:4px 4px 4px 4px rgb(240, 202, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1715, 0.4039, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 202, 122) }
```

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

```
.background{ background-color: rgb(240,  
202, 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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