

Converting Colors

$Yxy(61.2045, 0.4151, 0.4026)$

Have a look what the booklet for
Yxy(61.2045, 0.4151, 0.4026)
contains.

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Color

Yxy(60.9947, 0.4155, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	FBC37C
RGB	251, 195, 124
RGB Percent	98%, 76%, 49%
CMY	0.0158, 0.2352, 0.5136
CMYK	0.00, 0.22, 0.51, 0.02
HSL	34°, 94%, 74%
HSV	34°, 51%, 98%
XYZ	62.9334, 60.9947, 27.5362
YIQ	203.6500, 56.1670, -10.2090

Conversions

Conversions Part 2

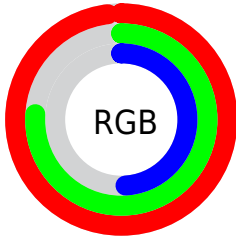
Format	Color
R _Y B	224, 251, 124
Decimal	16499580
CIE Lab	82.38, 11.76, 43.14
CIE LCh	82, 44.712, 74.747
Yxy	60.9947, 0.4155, 0.4027
Android (android.graphics.Color)	4294689660 (0xFFFBC37C)
YUV	203.6500, -39.2674, 41.5260
Hunter-Lab	78.0991, 7.1646, 33.7649

Details

The Yxy color **60.9947, 0.4155, 0.4027** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.8956, 0.2292, 0.2393**, and the grayscale version is **60.3798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4687, 0.3596, 0.4012**, and **30.7373, 0.4403, 0.4169** is the 20% darker color. If you saturate the color by 10%, you get **55.6644, 0.4407, 0.4147**, and if you desaturate by 10%, it is **66.8600, 0.3913, 0.3887**.

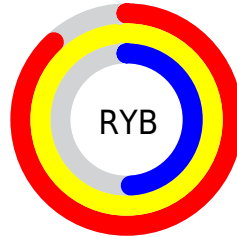
Distribution



Red (98%)

Green (76%)

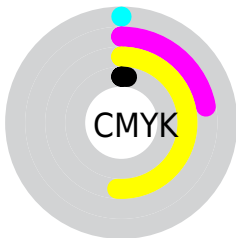
Blue (49%)



Red (88%)

Yellow (98%)

Blue (49%)

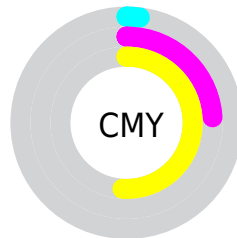


Cyan (0%)

Magenta (22%)

Yellow (51%)

Black (2%)



Cyan (2%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9947, 0.4155, 0.4027 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 60.9947, 0.4155, 0.4027 by changing the saturation by 10% instead.


 60.9947, 0.4155,
0.4027

 60.9947, 0.4155,
0.4027


428.2546, 0.3672,
0.3700


 44.2209, 0.4263,
0.4094


 106.2713, 0.3988,
0.3919

 30.8442, 0.4394,
0.4172


 135.5428, 0.3923,
0.3875

 20.4802, 0.4555,
0.4262


 169.7490, 0.3867,
0.3837

 12.7446, 0.4754,
0.4361

209.2744, 0.3818,
0.3803

 7.2529, 0.4996,
0.4459

254.5032, 0.3775,
0.3773

 3.6208, 0.5387,
0.4613

305.8199, 0.3737,

 1.4638, 0.5559,

0.3746

0.4441

363.6089, 0.3703,
0.3722

0.2630, 0.6713,
0.3287

0.0000, 0.0000,
0.0000

60.9947, 0.4155,
0.4027

60.9947, 0.4155,
0.4027

55.6644, 0.4407,
0.4147

66.8600, 0.3913,
0.3887

50.8398, 0.4657,
0.4234

73.2703, 0.3687,
0.3737

46.5013, 0.4893,
0.4275

80.2461, 0.3482,
0.3586

42.6233, 0.5098,
0.4263

87.8042, 0.3299,
0.3438

■ 39.3575, 0.5259,
0.4206

■ 95.9603, 0.3136,
0.3298

■ 99.2456, 0.3102,
0.3290

Harmonies

Analogous

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



60.9947, 0.4264, 0.3612



60.9947, 0.4155, 0.4027



60.9947, 0.3765, 0.4299

Triad

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



60.9947, 0.4155, 0.4027



60.9947, 0.2286, 0.3321



60.9947, 0.2945, 0.2500

Complementary

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



60.9947, 0.4155, 0.4027



43.8956, 0.2292, 0.2393

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.



60.9947, 0.2461, 0.2392



60.9947, 0.4155, 0.4027



60.9947, 0.2110, 0.2803

Square

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



60.9947, 0.4155, 0.4027



60.9947, 0.2684, 0.3896



60.9947, 0.2172, 0.2486



60.9947, 0.3528, 0.2776

Rectangle

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



60.9947, 0.4155, 0.4027



60.9947, 0.3412, 0.4324



60.9947, 0.2172, 0.2486



60.9947, 0.2767, 0.2443

Sweetspot

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



60.9976, 0.4155, 0.4027



87.4852, 0.3377, 0.3503



38.2727, 0.3901, 0.2697



18.3729, 0.3416, 0.3534



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.



60.9976, 0.4155, 0.4027



57.4647, 0.4419, 0.4152



89.7848, 0.3824, 0.4538



18.8351, 0.3280, 0.3423



20.9869, 0.5236, 0.4224



2.1550, 0.5077, 0.4350

Inverse Universe

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



43.8956, 0.2292, 0.2393



37.9142, 0.2127, 0.2165



26.1643, 0.2192, 0.1693



17.9024, 0.2979, 0.3154



9.8775, 0.1718, 0.1384



1.1221, 0.1782, 0.1613

Previews

White Background



This preview shows how the Yxy color 60.9947, 0.4155, 0.4027 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 60.9947, 0.4155, 0.4027 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 60.9947, 0.4155, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 60.9947, 0.4155, 0.4027.



This preview shows how white text looks on a background with the Yxy color 60.9947, 0.4155, 0.4027.

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

60.9947, 0.4155, 0.4027

Protanopia

61.0684, 0.3847, 0.4161

Deuteranopia

61.0748, 0.4133, 0.4042



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.9947, 0.4155, 0.4027

Protanomaly

60.7980, 0.3958, 0.4103

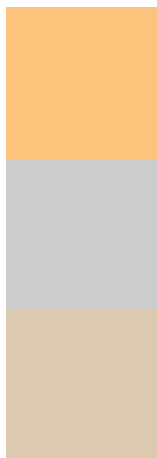
Deuteranomaly

61.2591, 0.4141, 0.4040

Tritanomaly

60.8763, 0.3816, 0.3481

Monochromacy



Original Color

60.9947, 0.4155, 0.4027

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2406, 0.3483, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9947, 0.4155, 0.4027 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(251, 195, 124)` looks like.

```
.text, #text, p{  
    color:rgb(251, 195, 124)  
}
```

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(251, 195, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 195, 124) }
```

Border

The CSS property to change the border of an element to Yxy 60.9947, 0.4155, 0.4027 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(251, 195, 124) }
```

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

```
.border{ border-color:rgb(251, 195, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 195, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 195, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 195, 124);  
box-shadow:4px 4px 4px 4px rgb(251, 195,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9947, 0.4155, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 195, 124) }
```

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

```
.background{ background-color: rgb(251,  
195, 124) }
```

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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