

Converting Colors

Yxy(61.7052, 0.4159, 0.4069)

Have a look what the booklet for
Yxy(61.7052, 0.4159, 0.4069)
contains.

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Color

Yxy(61.8469, 0.4159, 0.4066)

Conversions

Conversions Part 1

Format	Color
Hex	FBC57A
RGB	251, 197, 122
RGB Percent	98%, 77%, 48%
CMY	0.0157, 0.2274, 0.5218
CMYK	0.00, 0.22, 0.51, 0.02
HSL	35°, 94%, 73%
HSV	35°, 51%, 98%
XYZ	63.2615, 61.8469, 26.9991
YIQ	204.5960, 56.2590, -11.8770

Conversions

Conversions Part 2

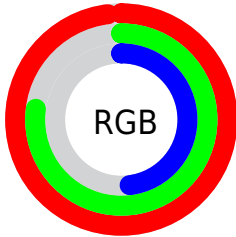
Format	Color
R _Y B	215, 251, 122
Decimal	16500090
CIE Lab	82.83, 10.55, 44.75
CIE LCh	83, 45.978, 76.731
Yxy	61.8469, 0.4159, 0.4066
Android (android.graphics.Color)	4294690170 (0xFFFB57A)
YUV	204.5960, -40.7198, 40.6963
Hunter-Lab	78.6428, 5.9633, 34.6949

Details

The Yxy color **61.8469, 0.4159, 0.4066** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.1295, 0.2271, 0.2336**, and the grayscale version is **61.0163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2782, 0.3599, 0.4058**, and **31.3063, 0.4402, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **56.7014, 0.4403, 0.4188**, and if you desaturate by 10%, it is **67.4913, 0.3922, 0.3922**.

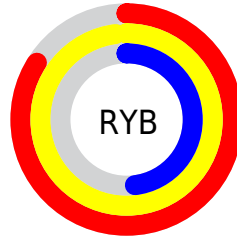
Distribution



Red (98%)

Green (77%)

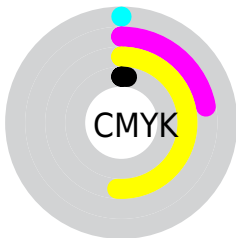
Blue (48%)



Red (84%)

Yellow (98%)

Blue (48%)

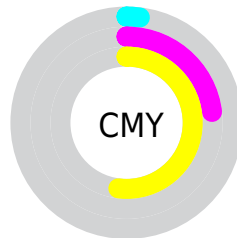


Cyan (0%)

Magenta (22%)

Yellow (51%)

Black (2%)



Cyan (2%)


Magenta (23%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8469, 0.4159, 0.4066 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 61.8469, 0.4159, 0.4066 by changing the saturation by 10% instead.

 61.8469, 0.4159,
0.4066


 61.8469, 0.4159,
0.4066


431.3724, 0.3677,
0.3722

 44.9090, 0.4266,
0.4137


 107.5042, 0.3993,
0.3952

 31.3858, 0.4395,
0.4219


 136.9924, 0.3928,
0.3906

 20.8928, 0.4552,
0.4313


 171.4329, 0.3872,
0.3866

 13.0456, 0.4744,
0.4417

211.2100, 0.3823,
0.3830

 7.4600, 0.4977,
0.4521

256.7081, 0.3780,
0.3798

 3.7514, 0.5331,
0.4669

308.3116, 0.3742,

 1.5355, 0.5483,

0.3770

0.4517

366.4049, 0.3708,
0.3745

0.3135, 0.6393,
0.3607

0.0000, 0.0000,
0.0000

61.8469, 0.4159,
0.4066

61.8469, 0.4159,
0.4066

56.7014, 0.4403,
0.4188

67.4913, 0.3922,
0.3922

52.0266, 0.4642,
0.4277

73.6434, 0.3700,
0.3767

47.8038, 0.4864,
0.4319

80.3229, 0.3496,
0.3610

44.0085, 0.5055,
0.4308

87.5454, 0.3312,
0.3457

41.0624, 0.5192,
0.4259

95.3258, 0.3149,
0.3310

99.2500, 0.3102,
0.3290

Harmonies

Analogous

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



61.8469, 0.4293, 0.3647



61.8469, 0.4159, 0.4066



61.8469, 0.3745, 0.4331

Triad

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



61.8469, 0.4159, 0.4066



61.8469, 0.2248, 0.3281



61.8469, 0.2978, 0.2497

Complementary

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



61.8469, 0.4159, 0.4066



42.1295, 0.2271, 0.2336

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.



61.8469, 0.2474, 0.2374



61.8469, 0.4159, 0.4066



61.8469, 0.2085, 0.2763

Square

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



61.8469, 0.4159, 0.4066



61.8469, 0.2641, 0.3876



61.8469, 0.2164, 0.2455



61.8469, 0.3576, 0.2788

Rectangle

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



61.8469, 0.4159, 0.4066



61.8469, 0.3380, 0.4344



61.8469, 0.2164, 0.2455



61.8469, 0.2793, 0.2436

Sweetspot

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



61.8499, 0.4159, 0.4066



87.9874, 0.3376, 0.3511



37.6263, 0.3945, 0.2710



18.4940, 0.3415, 0.3544



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.



61.8499, 0.4159, 0.4066



58.4519, 0.4418, 0.4195



89.3492, 0.3818, 0.4563



18.9024, 0.3279, 0.3428



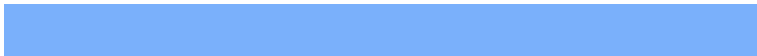
21.8778, 0.5171, 0.4276



2.2357, 0.5022, 0.4394

Inverse Universe

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



42.1295, 0.2271, 0.2336



35.9681, 0.2101, 0.2095



25.6621, 0.2189, 0.1669



17.8364, 0.2979, 0.3148



9.2463, 0.1699, 0.1315



1.0606, 0.1763, 0.1548

Previews

White Background



This preview shows how the Yxy color 61.8469, 0.4159, 0.4066 looks on a white background.

Color Contrast Check

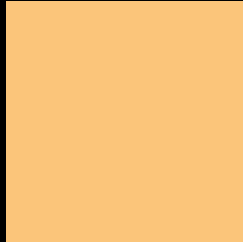
Large Text (above 18pt) WCAG AA × Fail

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 61.8469, 0.4159, 0.4066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

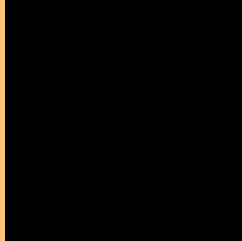
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8469, 0.4159, 0.4066

Background



This preview shows how black text looks on a background with the Yxy color 61.8469, 0.4159, 0.4066.



This preview shows how white text looks on a background with the Yxy color 61.8469, 0.4159, 0.4066.

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

61.8469, 0.4159, 0.4066

Protanopia

62.2751, 0.3876, 0.4206

Deuteranopia

61.8469, 0.4159, 0.4066



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

61.8469, 0.4159, 0.4066

Protanomaly

61.8293, 0.3978, 0.4151

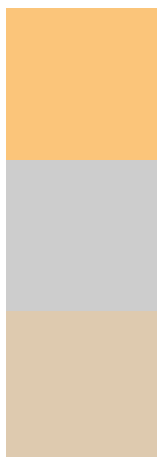
Deuteranomaly

61.8469, 0.4159, 0.4066

Tritanomaly

61.7872, 0.3801, 0.3491

Monochromacy



Original Color

61.8469, 0.4159, 0.4066

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8658, 0.3489, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8469, 0.4159, 0.4066 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, 197, 122)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 197, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 122) }
```

Border

The CSS property to change the border of an element to Yxy 61.8469, 0.4159, 0.4066 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, 197, 122) }
```

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

```
.border{ border-color:rgb(251, 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(251, 197, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 122);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8469, 0.4159, 0.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 122) }
```

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

```
.background{ background-color: rgb(251,  
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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