

Converting Colors

Yxy(61.3418, 0.4312, 0.4219)

Have a look what the booklet for
Yxy(61.3418, 0.4312, 0.4219)
contains.

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Color

Yxy(61.3418, 0.4312, 0.4219)

Conversions

Conversions Part 1

Format	Color
Hex	FDC467
RGB	253, 196, 103
RGB Percent	99%, 77%, 40%
CMY	0.0079, 0.2313, 0.5962
CMYK	0.00, 0.23, 0.59, 0.01
HSL	37°, 97%, 70%
HSV	37°, 59%, 99%
XYZ	62.6940, 61.3418, 21.3584
YIQ	202.4410, 63.8250, -16.8390

Conversions

Conversions Part 2

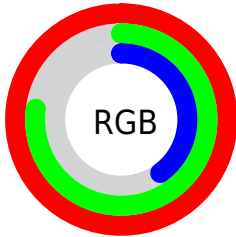
Format	Color
RYP	195, 253, 103
Decimal	16630887
CIELab	82.56, 10.41, 53.73
CIELCh	83, 54.726, 79.038
Yxy	61.3418, 0.4312, 0.4219
Android (android.graphics.Color)	4294820967 (0xFFFDC467)
YUV	202.4410, -49.0244, 44.3402
Hunter-Lab	78.3210, 5.8229, 38.6561

Details

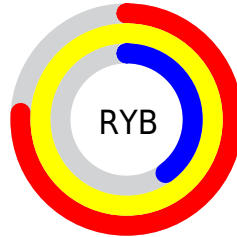
The Yxy color **61.3418, 0.4312, 0.4219** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.0990, 0.2126, 0.2079**, and the grayscale version is **59.6350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2811, 0.3722, 0.4231**, and **30.9225, 0.4571, 0.4381** is the 20% darker color. If you saturate the color by 10%, you get **56.7138, 0.4537, 0.4323**, and if you desaturate by 10%, it is **66.4071, 0.4083, 0.4083**.

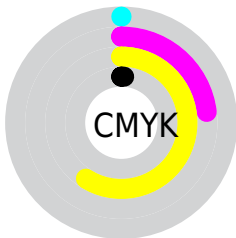
Distribution



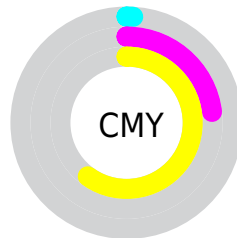
- Red (99%)
- Green (77%)
- Blue (40%)



- Red (76%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (59%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3418, 0.4312, 0.4219 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 61.3418, 0.4312, 0.4219 by changing the saturation by 10% instead.

 61.3418, 0.4312,
0.4219


 61.3418, 0.4312,
0.4219


429.5261, 0.3768,
0.3816


 44.5011, 0.4428,
0.4298


 106.7737, 0.4128,
0.4088


 31.0646, 0.4565,
0.4386


 136.1336, 0.4055,
0.4035

 20.6481, 0.4726,
0.4482


 170.4354, 0.3991,
0.3987

 12.8670, 0.4912,
0.4578

 210.0635, 0.3935,
0.3945

 7.3370, 0.5180,
0.4712

255.4022, 0.3886,
0.3907

 3.6738, 0.5328,
0.4672

306.8359, 0.3842,

 1.4928, 0.5480,

0.3874

0.4520

364.7491, 0.3803,
0.3843

0.2836, 0.6486,
0.3514

0.0000, 0.0000,
0.0000

61.3418, 0.4312,
0.4219

61.3418, 0.4312,
0.4219

56.7138, 0.4537,
0.4323

66.4071, 0.4083,
0.4083

52.4946, 0.4745,
0.4384

71.9184, 0.3859,
0.3927

48.6649, 0.4925,
0.4393

77.8947, 0.3647,
0.3762

45.1933, 0.5071,
0.4351

84.3511, 0.3452,
0.3596

■ 44.9617, 0.5081,
0.4348

■ 91.3018, 0.3275,
0.3434

■ 98.7602, 0.3117,
0.3280

■ 99.6220, 0.3115,
0.3290

Harmonies

Analogous

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



61.3418, 0.4516, 0.3726



61.3418, 0.4312, 0.4219



61.3418, 0.3795, 0.4541

Triad

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



61.3418, 0.4312, 0.4219



61.3418, 0.2068, 0.3212



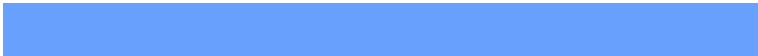
61.3418, 0.2997, 0.2387

Complementary

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



61.3418, 0.4312, 0.4219



35.0990, 0.2126, 0.2079

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.



61.3418, 0.2394, 0.2226



61.3418, 0.4312, 0.4219



61.3418, 0.1909, 0.2617

Square

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



61.3418, 0.4312, 0.4219



61.3418, 0.2500, 0.3946



61.3418, 0.2021, 0.2291



61.3418, 0.3712, 0.2732

Rectangle

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



61.3418, 0.4312, 0.4219



61.3418, 0.3357, 0.4553



61.3418, 0.2021, 0.2291



61.3418, 0.2775, 0.2310

Sweetspot

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



61.3448, 0.4312, 0.4219



86.7647, 0.3428, 0.3575



33.1308, 0.4240, 0.2715



18.1466, 0.3482, 0.3623



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.



61.3448, 0.4312, 0.4219



56.9686, 0.4574, 0.4337



88.9733, 0.3846, 0.4754



19.8635, 0.3279, 0.3437



24.2088, 0.5063, 0.4362



2.5681, 0.4937, 0.4462

Inverse Universe

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



35.0990, 0.2126, 0.2079



28.2348, 0.1948, 0.1795



20.8124, 0.2074, 0.1420



18.5085, 0.2979, 0.3138



8.4911, 0.1667, 0.1200



1.0295, 0.1729, 0.1425

Previews

White Background



This preview shows how the Yxy color 61.3418, 0.4312, 0.4219 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 61.3418, 0.4312, 0.4219 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 61.3418, 0.4312, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 61.3418, 0.4312, 0.4219.



This preview shows how white text looks on a background with the Yxy color 61.3418, 0.4312, 0.4219.

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

61.3418, 0.4312, 0.4219

Protanopia

61.5141, 0.4014, 0.4381

Deuteranopia

61.3418, 0.4312, 0.4219



Tritanopia

61.3966, 0.3593, 0.3167

Trichromacy



Original Color

61.3418, 0.4312, 0.4219

Protanomaly

61.0938, 0.4119, 0.4319

Deuteranomaly

61.3418, 0.4312, 0.4219

Tritanomaly

61.0490, 0.3872, 0.3565

Monochromacy



Original Color

61.3418, 0.4312, 0.4219

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4339, 0.3556, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3418, 0.4312, 0.4219 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(253, 196, 103)` looks like.

```
.text, #text, p{  
    color:rgb(253, 196, 103)  
}
```

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(253, 196, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 196, 103) }
```

Border

The CSS property to change the border of an element to Yxy 61.3418, 0.4312, 0.4219 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(253, 196, 103) }
```

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

```
.border{ border-color:rgb(253, 196, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 196, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 196, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 196, 103);  
box-shadow:4px 4px 4px 4px rgb(253, 196,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3418, 0.4312, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 196, 103) }
```

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

```
.background{ background-color: rgb(253,  
196, 103) }
```

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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