

Converting Colors

Yxy(69.2626, 0.4187, 0.4414)

Have a look what the booklet for
Yxy(69.2626, 0.4187, 0.4414)
contains.

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Color

Yxy(69.3372, 0.4187, 0.4414)

Conversions

Conversions Part 1

Format	Color
Hex	FAD664
RGB	250, 214, 100
RGB Percent	98%, 84%, 39%
CMY	0.0196, 0.1608, 0.6078
CMYK	0.00, 0.14, 0.60, 0.02
HSL	46°, 94%, 69%
HSV	46°, 60%, 98%
XYZ	65.7714, 69.3372, 21.9762
YIQ	211.7680, 58.0500, -27.8220

Conversions

Conversions Part 2

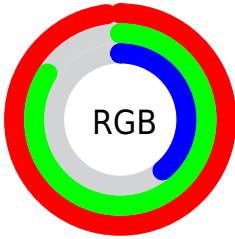
Format	Color
RYB	147, 250, 100
Decimal	16438884
CIELab	86.67, -0.29, 59.70
CIElCh	87, 59.702, 90.283
Yxy	69.3372, 0.4187, 0.4414
Android (android.graphics.Color)	4294628964 (0xFFFAD664)
YUV	211.7680, -55.1016, 33.5295
Hunter-Lab	83.2690, -4.7295, 42.6406

Details

The Yxy color **69.3372, 0.4187, 0.4414** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **27.2222, 0.2052, 0.1784**, and the grayscale version is **66.0228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1131, 0.3723, 0.4275**, and **36.2860, 0.4377, 0.4630** is the 20% darker color. If you saturate the color by 10%, you get **65.9472, 0.4355, 0.4540**, and if you desaturate by 10%, it is **72.9942, 0.4005, 0.4254**.

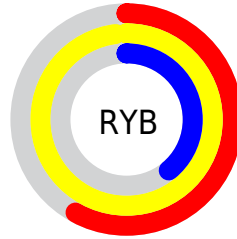
Distribution



Red (98%)

Green (84%)

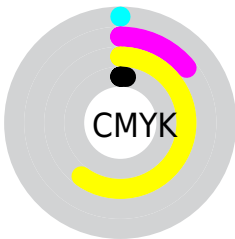
Blue (39%)



Red (58%)

Yellow (98%)

Blue (39%)

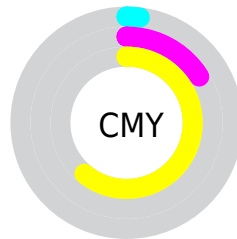


Cyan (0%)

Magenta (14%)

Yellow (60%)

Black (2%)



Cyan (2%)

Magenta (16%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3372, 0.4187, 0.4414 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 69.3372, 0.4187, 0.4414 by changing the saturation by 10% instead.


 69.3372, 0.4187,
0.4414


 69.3372, 0.4187,
0.4414


458.2194, 0.3723,
0.3921

 50.9864, 0.4280,
0.4513


 118.2631, 0.4035,
0.4253


 36.1978, 0.4386,
0.4626


 149.6069, 0.3973,
0.4187

 24.5870, 0.4505,
0.4753


 186.0505, 0.3919,
0.4129

 15.7696, 0.4633,
0.4890

 227.9783, 0.3870,
0.4077

 9.3613, 0.4798,
0.5068

275.7747, 0.3827,
0.4032

 4.9776, 0.4861,
0.5139

329.8241, 0.3789,

 2.2341, 0.4857,

0.3991

0.5143

390.5108, 0.3754,
0.3954

■ 0.7385, 0.4847,
0.5153

■ 0.0000, 0.0000,
0.0000

■ 69.3372, 0.4187,
0.4414

■ 69.3372, 0.4187,
0.4414

■ 65.9472, 0.4355,
0.4540

■ 72.9942, 0.4005,
0.4254

■ 62.7989, 0.4500,
0.4623

■ 76.9216, 0.3817,
0.4071

■ 59.8777, 0.4616,
0.4657

■ 81.1351, 0.3631,
0.3875

■ 57.1547, 0.4703,
0.4648

■ 85.6457, 0.3452,
0.3676

■ 57.1532, 0.4703,
0.4648

■ 90.4638, 0.3283,
0.3479

■ 95.5993, 0.3127,
0.3290

■ 99.0638, 0.3096,
0.3290

Harmonies

Analogous

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



69.3372, 0.4546, 0.3938



69.3372, 0.4187, 0.4414



69.3372, 0.3567, 0.4636

Triad

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



69.3372, 0.4187, 0.4414



69.3372, 0.1928, 0.2941



69.3372, 0.3267, 0.2465

Complementary

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



69.3372, 0.4187, 0.4414



27.2222, 0.2052, 0.1784

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.



69.3372, 0.2572, 0.2221



69.3372, 0.4187, 0.4414



69.3372, 0.1872, 0.2424

Square

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



69.3372, 0.4187, 0.4414



69.3372, 0.2271, 0.3691



69.3372, 0.2090, 0.2195



69.3372, 0.4001, 0.2880

Rectangle

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



69.3372, 0.4187, 0.4414



69.3372, 0.3096, 0.4525



69.3372, 0.2090, 0.2195



69.3372, 0.3019, 0.2362

Sweetspot

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



69.3405, 0.4187, 0.4414



90.5609, 0.3417, 0.3636



31.2616, 0.4530, 0.2918



19.0786, 0.3468, 0.3694



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.



69.3405, 0.4187, 0.4414



68.2793, 0.4387, 0.4561



83.3627, 0.3710, 0.4849



19.4434, 0.3275, 0.3469



30.5509, 0.4693, 0.4656



2.9928, 0.4621, 0.4713

Inverse Universe

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



27.2222, 0.2052, 0.1784



20.9412, 0.1852, 0.1444



21.3806, 0.2199, 0.1460



17.3192, 0.2979, 0.3104



5.5595, 0.1574, 0.0866



0.6719, 0.1634, 0.1083

Previews

White Background



This preview shows how the Yxy color 69.3372, 0.4187, 0.4414 looks on a white background.

Color Contrast Check

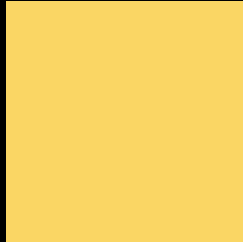
Large Text (above 18pt) WCAG AA × Fail

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 69.3372, 0.4187, 0.4414 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 69.3372, 0.4187, 0.4414

Background



This preview shows how black text looks on a background with the Yxy color 69.3372, 0.4187, 0.4414.



This preview shows how white text looks on a background with the Yxy color 69.3372, 0.4187, 0.4414.

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

69.3372, 0.4187, 0.4414

Protanopia

69.2661, 0.4092, 0.4468

Deuteranopia

69.4285, 0.3951, 0.3948



Tritanopia

69.4555, 0.3427, 0.3159

Trichromacy



Original Color

69.3372, 0.4187, 0.4414

Protanomaly

69.2844, 0.4122, 0.4447

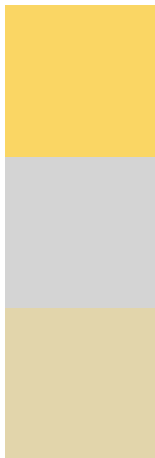
Deuteranomaly

69.0562, 0.4049, 0.4127

Tritanomaly

69.0504, 0.3733, 0.3646

Monochromacy



Original Color

69.3372, 0.4187, 0.4414

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.6975, 0.3525, 0.3762

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3372, 0.4187, 0.4414 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(250, 214, 100)` looks like.

```
.text, #text, p{  
    color:rgb(250, 214, 100)  
}
```

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(250, 214, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 214, 100) }
```

Border

The CSS property to change the border of an element to Yxy 69.3372, 0.4187, 0.4414 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(250, 214, 100) }
```

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

```
.border{ border-color:rgb(250, 214, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 214, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 214, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 214, 100);  
box-shadow:4px 4px 4px 4px rgb(250, 214,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3372, 0.4187, 0.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 214, 100) }
```

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

```
.background{ background-color: rgb(250,  
214, 100) }
```

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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