

Converting Colors

$Yxy(72.4804, 0.4168, 0.4066)$

Have a look what the booklet for
Yxy(72.4804, 0.4168, 0.4066)
contains.

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Color

Yxy(69.4872, 0.4052, 0.4102)

Conversions

Conversions Part 1

Format	Color
Hex	FFD383
RGB	255, 211, 131
RGB Percent	100%, 83%, 51%
CMY	0.0000, 0.1726, 0.4862
CMYK	0.00, 0.17, 0.49, 0.00
HSL	39°, 100%, 76%
HSV	39°, 49%, 100%
XYZ	68.6402, 69.4872, 31.2709
YIQ	215.0360, 51.9040, -15.5520

Conversions

Conversions Part 2

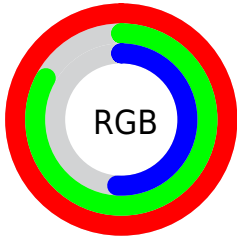
Format	Color
R_{YB}	199, 255, 131
Decimal	16765827
CIE Lab	86.74, 5.73, 45.19
CIE LCh	87, 45.553, 82.780
Yxy	69.4872, 0.4052, 0.4102
Android (android.graphics.Color)	4294955907 (0xFFFFD383)
YUV	215.0360, -41.4297, 35.0484
Hunter-Lab	83.3590, 1.1039, 36.1095

Details

The Yxy color **69.4872, 0.4052, 0.4102** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.7134, 0.2297, 0.2296**, and the grayscale version is **68.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **36.4289, 0.4247, 0.4265** is the 20% darker color. If you saturate the color by 10%, you get **64.5050, 0.4272, 0.4245**, and if you desaturate by 10%, it is **74.8874, 0.3835, 0.3940**.

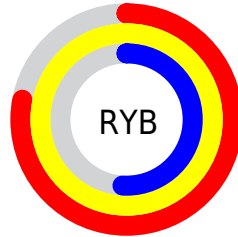
Distribution



Red (100%)

Green (83%)

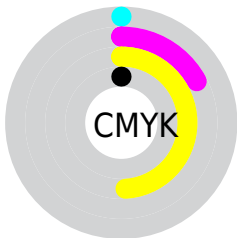
Blue (51%)



Red (78%)

Yellow (100%)

Blue (51%)

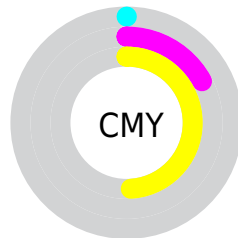


Cyan (0%)

Magenta (17%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4872, 0.4052, 0.4102 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 69.4872, 0.4052, 0.4102 by changing the saturation by 10% instead.


 69.4872, 0.4052,
0.4102

 69.4872, 0.4052,
0.4102


458.7474, 0.3630,
0.3742

 51.1086, 0.4143,
0.4177

 118.4772, 0.3909,
0.3982

 36.2950, 0.4253,
0.4266


 149.8573, 0.3852,
0.3934

 24.6621, 0.4385,
0.4370


 186.3401, 0.3803,
0.3892

 15.8255, 0.4545,
0.4490

228.3099, 0.3760,
0.3854

 9.4008, 0.4735,
0.4624

276.1512, 0.3722,
0.3821

 5.0035, 0.5071,
0.4867

330.2482, 0.3688,

 2.2493, 0.5171,

0.3792

0.4829

390.9855, 0.3658,
0.3766

0.7467, 0.5322,
0.4678

0.0000, 0.0000,
0.0000

69.4872, 0.4052,
0.4102

69.4872, 0.4052,
0.4102

64.5050, 0.4272,
0.4245

74.8874, 0.3835,
0.3940

59.9319, 0.4487,
0.4356

80.7291, 0.3629,
0.3769

55.7467, 0.4686,
0.4425

87.0240, 0.3438,
0.3596

51.9277, 0.4856,
0.4443

93.7854, 0.3263,
0.3428

■ 48.4461, 0.4993,
0.4410

100.0000, 0.3127,
0.3290

■ 47.9883, 0.5011,
0.4404

Harmonies

Analogous

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



69.4872, 0.4240, 0.3722



69.4872, 0.4052, 0.4102



69.4872, 0.3619, 0.4301

Triad

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



69.4872, 0.4052, 0.4102



69.4872, 0.2236, 0.3172



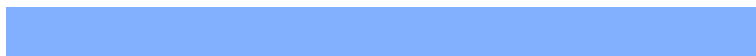
69.4872, 0.3099, 0.2575

Complementary

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



69.4872, 0.4052, 0.4102



42.7134, 0.2297, 0.2296

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.



69.4872, 0.2587, 0.2421



69.4872, 0.4052, 0.4102



69.4872, 0.2126, 0.2712

Square

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



69.4872, 0.4052, 0.4102



69.4872, 0.2573, 0.3739



69.4872, 0.2248, 0.2459



69.4872, 0.3666, 0.2882

Rectangle

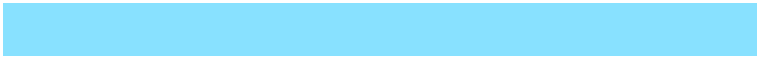
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4872, 0.4052, 0.4102



69.4872, 0.3260, 0.4262



69.4872, 0.2248, 0.2459



69.4872, 0.2915, 0.2504

Sweetspot

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



69.4845, 0.4052, 0.4102



89.4188, 0.3372, 0.3535



40.6493, 0.3974, 0.2822



18.8394, 0.3410, 0.3571



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.



69.4845, 0.4052, 0.4102



64.8030, 0.4259, 0.4237



91.4173, 0.3729, 0.4529



19.9422, 0.3278, 0.3443



25.3669, 0.4994, 0.4417



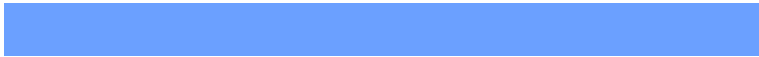
2.6761, 0.4878, 0.4509

Inverse Universe

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



42.7134, 0.2297, 0.2296



35.3528, 0.2136, 0.2062



29.7094, 0.2303, 0.1786



18.4326, 0.2979, 0.3132



7.8922, 0.1648, 0.1132



0.9654, 0.1710, 0.1356

Previews

White Background



This preview shows how the Yxy color 69.4872, 0.4052, 0.4102 looks on a white background.

Color Contrast Check

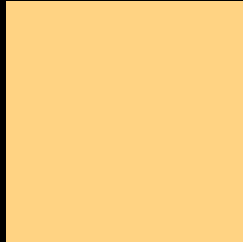
Large Text (above 18pt) WCAG AA × Fail

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 69.4872, 0.4052, 0.4102 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 69.4872, 0.4052, 0.4102

Background



This preview shows how black text looks on a background with the Yxy color 69.4872, 0.4052, 0.4102.



This preview shows how white text looks on a background with the Yxy color 69.4872, 0.4052, 0.4102.

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

69.4872, 0.4052, 0.4102

Protanopia

69.3237, 0.3865, 0.4189

Deuteranopia

69.6863, 0.3893, 0.3869



Tritanopia

69.4036, 0.3435, 0.3169

Trichromacy



Original Color

69.4872, 0.4052, 0.4102

Protanomaly

69.4999, 0.3937, 0.4160

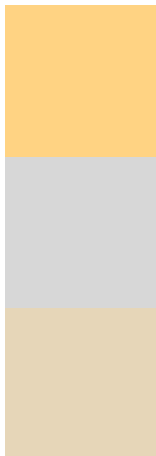
Deuteranomaly

69.4285, 0.3951, 0.3948

Tritanomaly

69.3884, 0.3667, 0.3519

Monochromacy



Original Color

69.4872, 0.4052, 0.4102

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.3768, 0.3460, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4872, 0.4052, 0.4102 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(255, 211, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 131)  
}
```

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(255, 211, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 131) }
```

Border

The CSS property to change the border of an element to Yxy 69.4872, 0.4052, 0.4102 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(255, 211, 131) }
```

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

```
.border{ border-color:rgb(255, 211, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4872, 0.4052, 0.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 131) }
```

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

```
.background{ background-color: rgb(255,  
211, 131) }
```

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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