

Converting Colors

Yxy(77.9326, 0.4423, 0.4080)

Have a look what the booklet for
Yxy(77.9326, 0.4423, 0.4080)
contains.

Yxy(69.7274, 0.4113, 0.4203)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.7274, 0.4113, 0.4203)

Conversions

Conversions Part 1

Format	Color
Hex	FFD479
RGB	255, 212, 121
RGB Percent	100%, 83%, 47%
CMY	0.0000, 0.1686, 0.5257
CMYK	0.00, 0.17, 0.53, 0.00
HSL	41°, 100%, 74%
HSV	41°, 53%, 100%
XYZ	68.2343, 69.7274, 27.9374
YIQ	214.4830, 54.8390, -19.1850

Conversions

Conversions Part 2

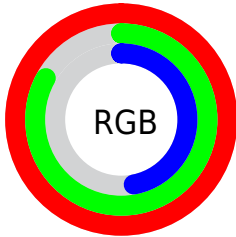
Format	Color
RYB	184, 255, 121
Decimal	16766073
CIELab	86.86, 4.33, 50.26
CIELCh	87, 50.448, 85.077
Yxy	69.7274, 0.4113, 0.4203
Android (android.graphics.Color)	4294956153 (0xFFFFD479)
YUV	214.4830, -46.0871, 35.5334
Hunter-Lab	83.5029, -0.2691, 38.6155

Details

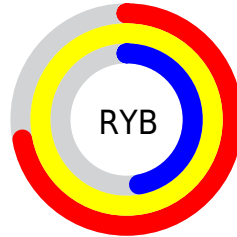
The Yxy color **69.7274, 0.4113, 0.4203** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.8158, 0.2216, 0.2138**, and the grayscale version is **67.8753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **36.6192, 0.4320, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **65.1982, 0.4320, 0.4341**, and if you desaturate by 10%, it is **74.6334, 0.3903, 0.4040**.

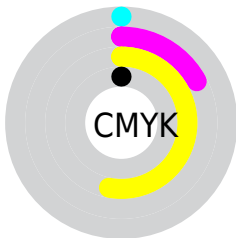
Distribution



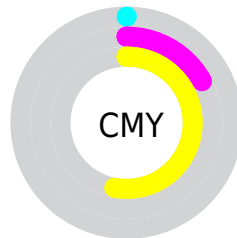
- Red (100%)
- Green (83%)
- Blue (47%)



- Red (72%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (17%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7274, 0.4113, 0.4203 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 69.7274, 0.4113, 0.4203 by changing the saturation by 10% instead.

 69.7274, 0.4113,
0.4203

 69.7274, 0.4113,
0.4203


459.5923, 0.3669,
0.3800

 51.3043, 0.4207,
0.4286


 118.8199, 0.3964,
0.4070

 36.4509, 0.4318,
0.4382


 150.2582, 0.3904,
0.4016

 24.7826, 0.4450,
0.4494


 186.8036, 0.3852,
0.3969

 15.9152, 0.4605,
0.4620

228.8406, 0.3807,
0.3927

 9.4641, 0.4780,
0.4753

276.7536, 0.3766,
0.3890

 5.0451, 0.5047,
0.4953

330.9269, 0.3730,

 2.2738, 0.5099,

0.3857

0.4901

391.7450, 0.3698,
0.3827

■ 0.7598, 0.5214,
0.4786

■ 0.0000, 0.0000,
0.0000

■ 69.7274, 0.4113,
0.4203

■ 69.7274, 0.4113,
0.4203

■ 65.1982, 0.4320,
0.4341

■ 74.6334, 0.3903,
0.4040

■ 61.0229, 0.4515,
0.4444

■ 79.9245, 0.3700,
0.3864

■ 57.1852, 0.4688,
0.4500

■ 85.6167, 0.3507,
0.3683

■ 53.6633, 0.4829,
0.4504

■ 91.7226, 0.3329,
0.3504

■ 51.2273, 0.4916,
0.4479

■ 98.2544, 0.3166,
0.3333

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



69.7274, 0.4352, 0.3789



69.7274, 0.4113, 0.4203



69.7274, 0.3618, 0.4415

Triad

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



69.7274, 0.4113, 0.4203



69.7274, 0.2131, 0.3108



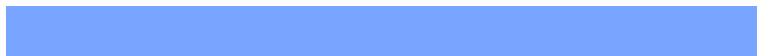
69.7274, 0.3141, 0.2529

Complementary

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



69.7274, 0.4113, 0.4203



37.8158, 0.2216, 0.2138

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.



69.7274, 0.2569, 0.2347



69.7274, 0.4113, 0.4203



69.7274, 0.2034, 0.2619

Square

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



69.7274, 0.4113, 0.4203



69.7274, 0.2478, 0.3740



69.7274, 0.2185, 0.2367



69.7274, 0.3767, 0.2872

Rectangle

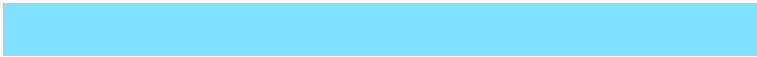
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7274, 0.4113, 0.4203



69.7274, 0.3220, 0.4358



69.7274, 0.2185, 0.2367



69.7274, 0.2936, 0.2448

Sweetspot

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



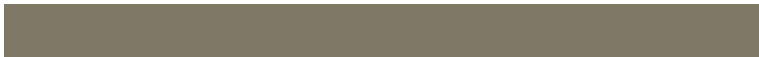
69.7295, 0.4113, 0.4203



89.5780, 0.3388, 0.3565



37.6646, 0.4134, 0.2835



18.9034, 0.3425, 0.3602



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.



69.7295, 0.4113, 0.4203



65.0094, 0.4329, 0.4347



90.1659, 0.3738, 0.4635



20.0505, 0.3277, 0.3451



27.0492, 0.4901, 0.4491



2.8314, 0.4800, 0.4571

Inverse Universe

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



37.8158, 0.2216, 0.2138



30.1386, 0.2037, 0.1863



26.7510, 0.2254, 0.1663



18.3288, 0.2979, 0.3124



7.1469, 0.1623, 0.1043



0.8836, 0.1685, 0.1266

Previews

White Background



This preview shows how the Yxy color 69.7274, 0.4113, 0.4203 looks on a white background.

Color Contrast Check

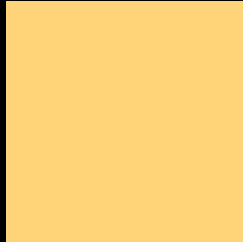
Large Text (above 18pt) WCAG AA × Fail

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 69.7274, 0.4113, 0.4203 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 69.7274, 0.4113, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 69.7274, 0.4113, 0.4203.



This preview shows how white text looks on a background with the Yxy color 69.7274, 0.4113, 0.4203.

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

69.7274, 0.4113, 0.4203

Protanopia

69.9236, 0.3941, 0.4289

Deuteranopia

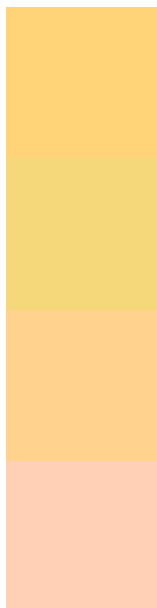
69.6202, 0.3907, 0.3889



Tritanopia

69.4555, 0.3427, 0.3159

Trichromacy



Original Color

69.7274, 0.4113, 0.4203

Protanomaly

69.9294, 0.4005, 0.4261

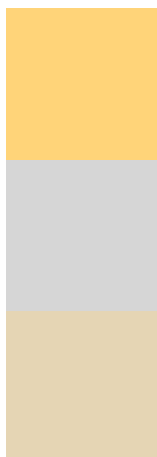
Deuteranomaly

69.7716, 0.3982, 0.4007

Tritanomaly

69.2630, 0.3690, 0.3550

Monochromacy



Original Color

69.7274, 0.4113, 0.4203

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5418, 0.3484, 0.3657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7274, 0.4113, 0.4203 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, 212, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 121)  
}
```

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, 212, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 121) }
```

Border

The CSS property to change the border of an element to Yxy 69.7274, 0.4113, 0.4203 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, 212, 121) }
```

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

```
.border{ border-color:rgb(255, 212, 121) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7274, 0.4113, 0.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 121) }
```

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

```
.background{ background-color: rgb(255,  
212, 121) }
```

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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