

Converting Colors

$Y_{xy}(43.1406, 0.4265, 0.3404)$

Have a look what the booklet for
Yxy(43.1406, 0.4265, 0.3404)
contains.

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Color

Yxy(42.9712, 0.4265, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	F8948A
RGB	248, 148, 138
RGB Percent	97%, 58%, 54%
CMY	0.0274, 0.4196, 0.4589
CMYK	0.00, 0.40, 0.44, 0.03
HSL	5°, 89%, 76%
HSV	5°, 44%, 97%
XYZ	53.8877, 42.9712, 29.4898
YIQ	176.7600, 62.8100, 18.0900

Conversions

Conversions Part 2

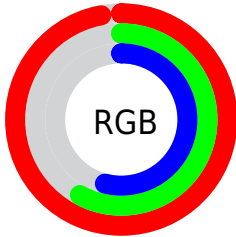
Format	Color
R _Y B	248, 149, 138
Decimal	16290954
CIE Lab	71.54, 36.52, 21.52
CIE LCh	72, 42.391, 30.513
Yxy	42.9712, 0.4265, 0.3401
Android (android.graphics.Color)	4294481034 (0xFFFF8948A)
YUV	176.7600, -19.1087, 62.4775
Hunter-Lab	65.5524, 32.0202, 19.2142

Details

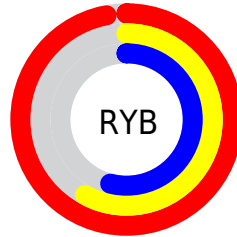
The Yxy color **42.9712, 0.4265, 0.3401** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.3106, 0.2508, 0.3171**, and the grayscale version is **43.9120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7335, 0.3631, 0.3416**, and **19.7617, 0.4594, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **35.9392, 0.4673, 0.3421**, and if you desaturate by 10%, it is **51.5481, 0.3916, 0.3376**.

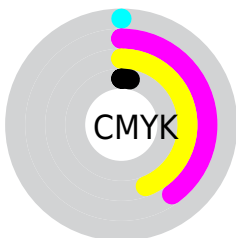
Distribution



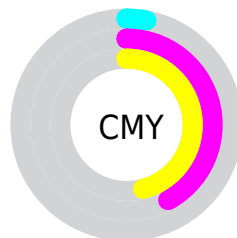
- Red (97%)
- Green (58%)
- Blue (54%)



- Red (97%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (3%)





- Cyan (3%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9712, 0.4265, 0.3401 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 42.9712, 0.4265, 0.3401 by changing the saturation by 10% instead.

 42.9712, 0.4265,
0.3401


 42.9712, 0.4265,
0.3401


358.4933, 0.3683,
0.3369


 29.8625, 0.4412,
0.3401

 79.6674, 0.4052,
0.3395

 19.7343, 0.4601,
0.3396


 104.0237, 0.3972,
0.3391

 12.2020, 0.4852,
0.3381


 132.8980, 0.3905,
0.3387

 6.8814, 0.5197,
0.3343

166.6747, 0.3848,
0.3383

 3.3881, 0.5694,
0.3253

205.7382, 0.3798,
0.3380

 1.3375, 0.6801,
0.3199

250.4729, 0.3755,

 0.1700, 0.8631,

0.3376

0.1369

301.2631, 0.3717,
0.3372

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.9712, 0.4265,
0.3401

42.9712, 0.4265,
0.3401

35.9392, 0.4673,
0.3421

51.5481, 0.3916,
0.3376

30.3541, 0.5124,
0.3431

61.7475, 0.3626,
0.3350

26.1168, 0.5578,
0.3426

73.6493, 0.3390,
0.3324

23.1129, 0.5975,
0.3403

87.3265, 0.3199,
0.3300

■ 21.2089, 0.6250,
0.3364

■ 98.6967, 0.3084,
0.3290

■ 20.5541, 0.6346,
0.3343

Harmonies

Analogous

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



42.9712, 0.3860, 0.2951



42.9712, 0.4265, 0.3401



42.9712, 0.4319, 0.3866

Triad

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



42.9712, 0.4265, 0.3401



42.9712, 0.2915, 0.4176



42.9712, 0.2248, 0.2358

Complementary

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



42.9712, 0.4265, 0.3401



73.3106, 0.2508, 0.3171

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.



42.9712, 0.2055, 0.2564



42.9712, 0.4265, 0.3401



42.9712, 0.2407, 0.3621

Square

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



42.9712, 0.4265, 0.3401



42.9712, 0.3509, 0.4403



42.9712, 0.2107, 0.3008



42.9712, 0.2667, 0.2376

Rectangle

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



42.9712, 0.4265, 0.3401



42.9712, 0.4157, 0.4140



42.9712, 0.2107, 0.3008



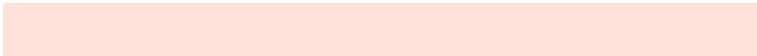
42.9712, 0.2157, 0.2400

Sweetspot

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



42.9734, 0.4265, 0.3401



80.3073, 0.3362, 0.3321



44.3493, 0.3258, 0.2281



16.5429, 0.3408, 0.3326



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.



42.9734, 0.4265, 0.3401



39.1615, 0.4618, 0.3419



64.1062, 0.3989, 0.3968



17.4795, 0.3292, 0.3312



11.1877, 0.6332, 0.3355



1.1196, 0.6188, 0.3469

Inverse Universe

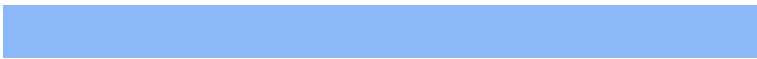
The Inverse Universe completely reimagines the original color for something new.



73.3106, 0.2508, 0.3171



75.1113, 0.2416, 0.3144



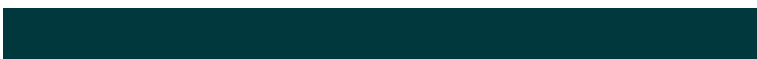
46.3852, 0.2390, 0.2489



19.3220, 0.2980, 0.3268



32.9748, 0.2167, 0.3001



3.1308, 0.2177, 0.3039

Previews

White Background



This preview shows how the Yxy color 42.9712, 0.4265, 0.3401 looks on a white background.

Color Contrast Check

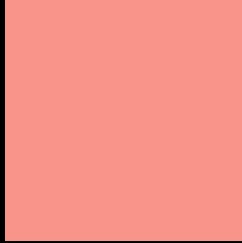
Large Text (above 18pt) WCAG AA × Fail

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 42.9712, 0.4265, 0.3401 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 42.9712, 0.4265, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 42.9712, 0.4265, 0.3401.



This preview shows how white text looks on a background with the Yxy color 42.9712, 0.4265, 0.3401.

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

42.9712, 0.4265, 0.3401

Protanopia

43.0847, 0.3412, 0.3614

Deuteranopia

43.2190, 0.3797, 0.3734



Tritanopia

42.7908, 0.4095, 0.3175

Trichromacy



Original Color

42.9712, 0.4265, 0.3401

Protanomaly

42.2510, 0.3709, 0.3532

Deuteranomaly

42.6112, 0.3970, 0.3604

Tritanomaly

42.8674, 0.4166, 0.3261

Monochromacy



Original Color

42.9712, 0.4265, 0.3401

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.6133, 0.3506, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9712, 0.4265, 0.3401 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(248, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(248, 148, 138)  
}
```

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(248, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 148, 138) }
```

Border

The CSS property to change the border of an element to Yxy 42.9712, 0.4265, 0.3401 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(248, 148, 138) }
```

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

```
.border{ border-color:rgb(248, 148, 138) }
```

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

Here you see how a box with a 4 pixel rgb(248, 148, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(248, 148,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9712, 0.4265, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 148, 138) }
```

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

```
.background{ background-color: rgb(248,  
148, 138) }
```

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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