

Converting Colors

$Y_{xy}(42.8978, 0.4103, 0.3353)$

Have a look what the booklet for
Yxy(42.8978, 0.4103, 0.3353)
contains.

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Color

Yxy(42.9093, 0.4099, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	F19792
RGB	241, 151, 146
RGB Percent	95%, 59%, 57%
CMY	0.0549, 0.4078, 0.4273
CMYK	0.00, 0.37, 0.39, 0.05
HSL	3°, 77%, 76%
HSV	3°, 39%, 95%
XYZ	52.5344, 42.9093, 32.7203
YIQ	177.3400, 55.2450, 17.5250

Conversions

Conversions Part 2

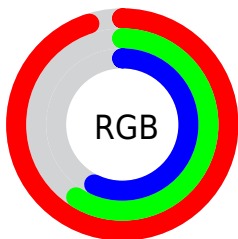
Format	Color
R_{YB}	241, 151, 146
Decimal	15832978
CIE _{Lab}	71.49, 33.21, 16.89
CIE _{LCh}	71, 37.256, 26.956
Yxy	42.9093, 0.4099, 0.3348
Android (android.graphics.Color)	4294023058 (0xFFFF19792)
YUV	177.3400, -15.4506, 55.8298
Hunter-Lab	65.5052, 28.5209, 16.2379

Details

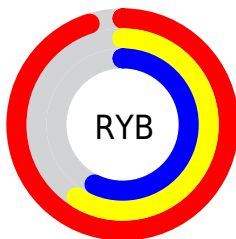
The Yxy color **42.9093, 0.4099, 0.3348** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.4796, 0.2573, 0.3230**, and the grayscale version is **44.2177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5727, 0.3554, 0.3353**, and **19.7133, 0.4377, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **35.5854, 0.4489, 0.3361**, and if you desaturate by 10%, it is **51.8196, 0.3772, 0.3333**.

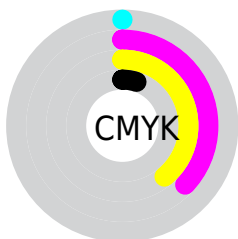
Distribution



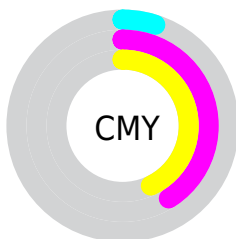
- Red (95%)
- Green (59%)
- Blue (57%)



- Red (95%)
- Yellow (59%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (39%)
- Black (5%)





- Cyan (5%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9093, 0.4099, 0.3348 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 42.9093, 0.4099, 0.3348 by changing the saturation by 10% instead.


 42.9093, 0.4099,
0.3348


 42.9093, 0.4099,
0.3348


358.2386, 0.3601,
0.3336

 29.8140, 0.4226,
0.3346


 79.5740, 0.3916,
0.3347

 19.6974, 0.4389,
0.3339


 103.9121, 0.3848,
0.3346

 12.1753, 0.4608,
0.3325


132.7666, 0.3791,
0.3344

 6.8632, 0.4914,
0.3293

166.5219, 0.3742,
0.3343

 3.3767, 0.5364,
0.3222

205.5623, 0.3699,
0.3341

 1.3314, 0.6335,
0.3177

250.2723, 0.3662,

 0.1653, 0.8549,

0.3339

0.1451

301.0363, 0.3630,
0.3337

0.0000, 0.0000,
0.0000

42.9093, 0.4099,
0.3348

42.9093, 0.4099,
0.3348

35.5854, 0.4489,
0.3361

51.8196, 0.3772,
0.3333

29.7489, 0.4935,
0.3370

62.3950, 0.3506,
0.3318

25.2999, 0.5405,
0.3372

74.7165, 0.3291,
0.3303

22.1231, 0.5844,
0.3363

88.8583, 0.3118,
0.3289

20.0852, 0.6179,
0.3344

97.4421, 0.3041,
0.3290

■ 19.0182, 0.6365,
0.3322

■ 18.9799, 0.6373,
0.3322

Harmonies

Analogous

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



42.9093, 0.3715, 0.2948



42.9093, 0.4099, 0.3348



42.9093, 0.4190, 0.3766

Triad

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



42.9093, 0.4099, 0.3348



42.9093, 0.3007, 0.4100



42.9093, 0.2313, 0.2472

Complementary

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



42.9093, 0.4099, 0.3348



72.4796, 0.2573, 0.3230

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.



42.9093, 0.2164, 0.2688



42.9093, 0.4099, 0.3348



42.9093, 0.2538, 0.3646

Square

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



42.9093, 0.4099, 0.3348



42.9093, 0.3533, 0.4265



42.9093, 0.2240, 0.3108



42.9093, 0.2669, 0.2462

Rectangle

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



42.9093, 0.4099, 0.3348



42.9093, 0.4074, 0.4012



42.9093, 0.2240, 0.3108



42.9093, 0.2239, 0.2521

Sweetspot

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



42.9114, 0.4099, 0.3348



81.0564, 0.3343, 0.3307



45.3410, 0.3213, 0.2360



16.9469, 0.3370, 0.3309



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.



42.9114, 0.4099, 0.3348



42.1867, 0.4395, 0.3359



61.2895, 0.3887, 0.3860



15.8913, 0.3292, 0.3303



10.3495, 0.6363, 0.3330



0.9073, 0.6265, 0.3407

Inverse Universe

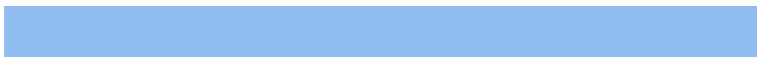
The Inverse Universe completely reimagines the original color for something new.



72.4796, 0.2573, 0.3230



79.9692, 0.2488, 0.3217



48.7621, 0.2482, 0.2638



17.7790, 0.2981, 0.3277



33.7153, 0.2202, 0.3126



2.8479, 0.2208, 0.3149

Previews

White Background



This preview shows how the Yxy color 42.9093, 0.4099, 0.3348 looks on a white background.

Color Contrast Check

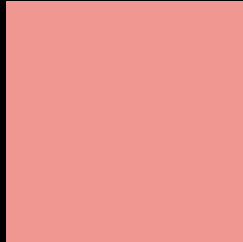
Large Text (above 18pt) WCAG AA × Fail

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 42.9093, 0.4099, 0.3348 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 42.9093, 0.4099, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 42.9093, 0.4099, 0.3348.



This preview shows how white text looks on a background with the Yxy color 42.9093, 0.4099, 0.3348.

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

42.9093, 0.4099, 0.3348

Protanopia

43.1958, 0.3343, 0.3519

Deuteranopia

43.1965, 0.3694, 0.3622



Tritanopia

42.9102, 0.3969, 0.3171

Trichromacy



Original Color

42.9093, 0.4099, 0.3348

Protanomaly

42.4429, 0.3600, 0.3444

Deuteranomaly

42.6060, 0.3838, 0.3512

Tritanomaly

43.0565, 0.4018, 0.3237

Monochromacy



Original Color

42.9093, 0.4099, 0.3348

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.0378, 0.3445, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9093, 0.4099, 0.3348 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(241, 151, 146)` looks like.

```
.text, #text, p{  
    color:rgb(241, 151, 146)  
}
```

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(241, 151, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 151, 146) }
```

Border

The CSS property to change the border of an element to Yxy 42.9093, 0.4099, 0.3348 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(241, 151, 146) }
```

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

```
.border{ border-color:rgb(241, 151, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 151, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 151, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 151, 146);  
box-shadow:4px 4px 4px 4px rgb(241, 151,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9093, 0.4099, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 151, 146) }
```

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

```
.background{ background-color: rgb(241,  
151, 146) }
```

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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