

Converting Colors

$Yxy(50.7450, 0.3928, 0.3380)$

Have a look what the booklet for
Yxy(50.7450, 0.3928, 0.3380)
contains.

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Color

Yxy(50.7233, 0.3929, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	F7A9A1
RGB	247, 169, 161
RGB Percent	97%, 66%, 63%
CMY	0.0314, 0.3372, 0.3685
CMYK	0.00, 0.32, 0.35, 0.03
HSL	6°, 84%, 80%
HSV	6°, 35%, 97%
XYZ	58.9795, 50.7233, 40.4105
YIQ	191.4100, 49.0560, 14.0480

Conversions

Conversions Part 2

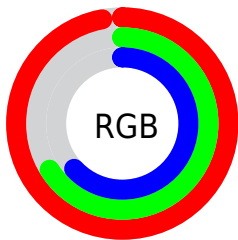
Format	Color
R _Y B	247, 170, 161
Decimal	16230817
CIE Lab	76.51, 27.72, 15.77
CIE LCh	77, 31.892, 29.644
Yxy	50.7233, 0.3929, 0.3379
Android (android.graphics.Color)	4294420897 (0xFFFF7A9A1)
YUV	191.4100, -14.9921, 48.7524
Hunter-Lab	71.2203, 23.1854, 16.2130

Details

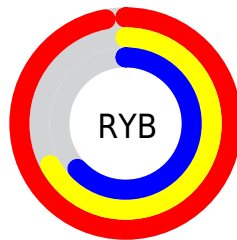
The Yxy color **50.7233, 0.3929, 0.3379** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.0364, 0.2623, 0.3198**, and the grayscale version is **52.4204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0683, 0.3402, 0.3381**, and **24.4137, 0.4165, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **42.3035, 0.4280, 0.3404**, and if you desaturate by 10%, it is **60.7487, 0.3637, 0.3352**.

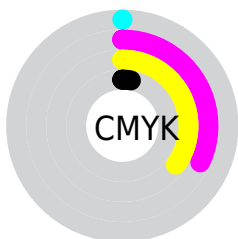
Distribution



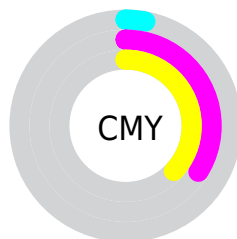
- Red (97%)
- Green (66%)
- Blue (63%)



- Red (97%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (32%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7233, 0.3929, 0.3379 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 50.7233, 0.3929, 0.3379 by changing the saturation by 10% instead.


 50.7233, 0.3929,
0.3379


 50.7233, 0.3929,
0.3379


389.4878, 0.3530,
0.3347

 35.9884, 0.4028,
0.3383


 91.2456, 0.3785,
0.3370

 24.4253, 0.4153,
0.3386


 117.8019, 0.3730,
0.3366

 15.6494, 0.4319,
0.3387


149.0674, 0.3684,
0.3362

 9.2764, 0.4545,
0.3381

185.4266, 0.3644,
0.3359

 4.9219, 0.4872,
0.3360

227.2638, 0.3610,
0.3355

 2.2015, 0.5379,
0.3293

274.9635, 0.3580,

 0.7208, 0.6719,

0.3352

0.3281

328.9100, 0.3553,
0.3350

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7233, 0.3929,
0.3379

50.7233, 0.3929,
0.3379

42.3035, 0.4280,
0.3404

60.7487, 0.3637,
0.3352

35.3988, 0.4690,
0.3424

72.4493, 0.3399,
0.3326

29.9213, 0.5142,
0.3434

85.8995, 0.3206,
0.3301

25.7708, 0.5594,
0.3428

98.5136, 0.3078,
0.3290

■ 22.8341, 0.5987,
0.3404

■ 20.9790, 0.6256,
0.3364

■ 20.3837, 0.6344,
0.3345

Harmonies

Analogous

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



50.7233, 0.3639, 0.3039



50.7233, 0.3929, 0.3379



50.7233, 0.3983, 0.3721

Triad

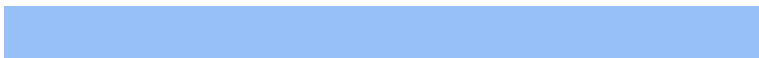
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.7233, 0.3929, 0.3379



50.7233, 0.2998, 0.3909



50.7233, 0.2478, 0.2611

Complementary

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



50.7233, 0.3929, 0.3379



76.0364, 0.2623, 0.3198

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.



50.7233, 0.2336, 0.2782



50.7233, 0.3929, 0.3379



50.7233, 0.2620, 0.3540

Square

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



50.7233, 0.3929, 0.3379



50.7233, 0.3428, 0.4071



50.7233, 0.2385, 0.3115



50.7233, 0.2789, 0.2612

Rectangle

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



50.7233, 0.3929, 0.3379



50.7233, 0.3881, 0.3912



50.7233, 0.2385, 0.3115



50.7233, 0.2410, 0.2648

Sweetspot

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



50.7257, 0.3929, 0.3379



84.5838, 0.3302, 0.3314



51.5529, 0.3226, 0.2489



17.6740, 0.3329, 0.3317



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.



50.7257, 0.3929, 0.3379



47.7954, 0.4178, 0.3398



69.0231, 0.3772, 0.3822



16.7298, 0.3291, 0.3313



10.8676, 0.6329, 0.3357



1.0374, 0.6176, 0.3478

Inverse Universe

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



76.0364, 0.2623, 0.3198



78.8454, 0.2534, 0.3176



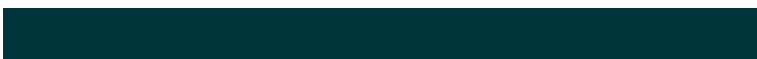
54.1573, 0.2554, 0.2690



18.4792, 0.2981, 0.3267



31.8780, 0.2166, 0.2996



2.8770, 0.2177, 0.3036

Previews

White Background



This preview shows how the Yxy color 50.7233, 0.3929, 0.3379 looks on a white background.

Color Contrast Check

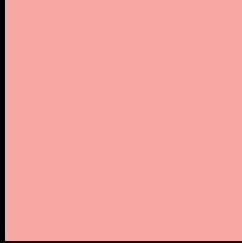
Large Text (above 18pt) WCAG AA × Fail

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 50.7233, 0.3929, 0.3379 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 50.7233, 0.3929, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 50.7233, 0.3929, 0.3379.



This preview shows how white text looks on a background with the Yxy color 50.7233, 0.3929, 0.3379.

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

50.7233, 0.3929, 0.3379

Protanopia

51.2058, 0.3335, 0.3516

Deuteranopia

50.8645, 0.3638, 0.3566



Tritanopia

50.6668, 0.3785, 0.3152

Trichromacy



Original Color

50.7233, 0.3929, 0.3379

Protanomaly

50.6930, 0.3542, 0.3471

Deuteranomaly

50.6404, 0.3746, 0.3488

Tritanomaly

50.5724, 0.3840, 0.3238

Monochromacy



Original Color

50.7233, 0.3929, 0.3379

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.0111, 0.3394, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7233, 0.3929, 0.3379 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(247, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 169, 161)  
}
```

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(247, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 169, 161) }
```

Border

The CSS property to change the border of an element to Yxy 50.7233, 0.3929, 0.3379 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(247, 169, 161) }
```

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

```
.border{ border-color:rgb(247, 169, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 169, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 169, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 169, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 169,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7233, 0.3929, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 169, 161) }
```

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

```
.background{ background-color: rgb(247,  
169, 161) }
```

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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