

Converting Colors

Yxy(51.4323, 0.3931, 0.3402)

Have a look what the booklet for
Yxy(51.4323, 0.3931, 0.3402)
contains.

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Color

Yxy(51.4732, 0.3922, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	F7ABA1
RGB	247, 171, 161
RGB Percent	97%, 67%, 63%
CMY	0.0313, 0.3294, 0.3687
CMYK	0.00, 0.31, 0.35, 0.03
HSL	7°, 84%, 80%
HSV	7°, 35%, 97%
XYZ	59.3584, 51.4732, 40.5157
YIQ	192.5840, 48.5060, 13.0020

Conversions

Conversions Part 2

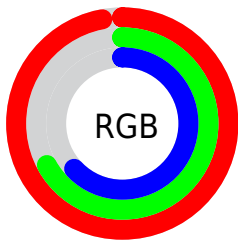
Format	Color
R _Y B	247, 172, 161
Decimal	16231329
CIE Lab	76.96, 26.67, 16.43
CIE LCh	77, 31.328, 31.634
Yxy	51.4732, 0.3922, 0.3401
Android (android.graphics.Color)	4294421409 (0xFFF7ABA1)
YUV	192.5840, -15.5709, 47.7228
Hunter-Lab	71.7448, 22.1293, 16.7392

Details

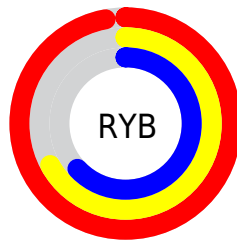
The Yxy color **51.4732, 0.3922, 0.3401** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.8646, 0.2619, 0.3174**, and the grayscale version is **53.1444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1560, 0.3399, 0.3401**, and **24.8798, 0.4153, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **43.1127, 0.4268, 0.3432**, and if you desaturate by 10%, it is **61.3722, 0.3634, 0.3368**.

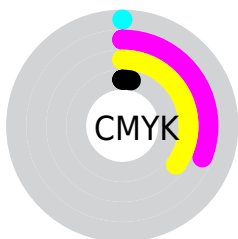
Distribution



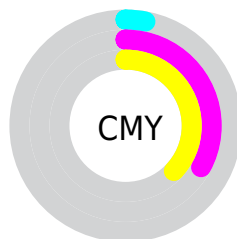
- Red (97%)
- Green (67%)
- Blue (63%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (35%)
- Black (3%)




- Cyan (3%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4732, 0.3922, 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 51.4732, 0.3922, 0.3401 by changing the saturation by 10% instead.

 51.4732, 0.3922,
0.3401


 51.4732, 0.3922,
0.3401


392.3995, 0.3527,
0.3358

 36.5853, 0.4019,
0.3408


 92.3539, 0.3779,
0.3388

 24.8866, 0.4143,
0.3414


 119.1154, 0.3726,
0.3383

 15.9926, 0.4305,
0.3419


150.6037, 0.3680,
0.3378

 9.5189, 0.4527,
0.3419

187.2031, 0.3641,
0.3373

 5.0812, 0.4847,
0.3406

229.2980, 0.3607,
0.3369

 2.2950, 0.5339,
0.3352

277.2727, 0.3577,

 0.7710, 0.6618,

0.3365

331.5118, 0.3550,
0.3362

0.3382

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4732, 0.3922,
0.3401

51.4732, 0.3922,
0.3401

43.1127, 0.4268,
0.3432

61.3722, 0.3634,
0.3368

36.2065, 0.4669,
0.3457

72.8740, 0.3398,
0.3335

30.6732, 0.5112,
0.3470

86.0479, 0.3207,
0.3304

26.4207, 0.5559,
0.3465

98.5184, 0.3078,
0.3290

■ 23.3453, 0.5950,
0.3437

■ 21.3269, 0.6227,
0.3388

■ 20.6452, 0.6321,
0.3363

Harmonies

Analogous

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



51.4732, 0.3652, 0.3066



51.4732, 0.3922, 0.3401



51.4732, 0.3959, 0.3733

Triad

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



51.4732, 0.3922, 0.3401



51.4732, 0.2974, 0.3876



51.4732, 0.2507, 0.2620

Complementary

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



51.4732, 0.3922, 0.3401



74.8646, 0.2619, 0.3174

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.



51.4732, 0.2356, 0.2777



51.4732, 0.3922, 0.3401



51.4732, 0.2611, 0.3507

Square

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



51.4732, 0.3922, 0.3401



51.4732, 0.3395, 0.4050



51.4732, 0.2392, 0.3094



51.4732, 0.2822, 0.2631

Rectangle

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



51.4732, 0.3922, 0.3401



51.4732, 0.3849, 0.3914



51.4732, 0.2392, 0.3094



51.4732, 0.2437, 0.2653

Sweetspot

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



51.4757, 0.3922, 0.3401



84.9224, 0.3301, 0.3320



51.4593, 0.3238, 0.2502



17.7552, 0.3329, 0.3324



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.



51.4757, 0.3922, 0.3401



48.6641, 0.4166, 0.3424



69.7417, 0.3768, 0.3836



16.7930, 0.3291, 0.3318



11.0192, 0.6303, 0.3377



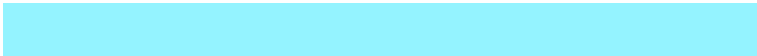
1.0674, 0.6124, 0.3520

Inverse Universe

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



74.8646, 0.2619, 0.3174



77.3284, 0.2529, 0.3147



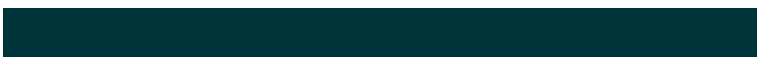
53.5008, 0.2551, 0.2672



18.4091, 0.2981, 0.3262



30.2749, 0.2144, 0.2919



2.7523, 0.2158, 0.2969

Previews

White Background



This preview shows how the Yxy color 51.4732, 0.3922, 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 51.4732, 0.3922, 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 51.4732, 0.3922, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 51.4732, 0.3922, 0.3401.



This preview shows how white text looks on a background with the Yxy color 51.4732, 0.3922, 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

51.4732, 0.3922, 0.3401

Protanopia

51.7350, 0.3350, 0.3540

Deuteranopia

51.5858, 0.3653, 0.3576



Tritanopia

51.4812, 0.3760, 0.3152

Trichromacy



Original Color

51.4732, 0.3922, 0.3401



Protanomaly

51.2559, 0.3548, 0.3482



Deuteranomaly

51.6013, 0.3748, 0.3510



Tritanomaly

51.3884, 0.3815, 0.3238

Monochromacy



Original Color

51.4732, 0.3922, 0.3401



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.1803, 0.3399, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4732, 0.3922, 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(247, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 171, 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, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 171, 161) }
```

Border

The CSS property to change the border of an element to Yxy 51.4732, 0.3922, 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(247, 171, 161) }
```

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

```
.border{ border-color:rgb(247, 171, 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, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 171,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4732, 0.3922, 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(247, 171, 161) }
```

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

```
.background{ background-color: rgb(247,  
171, 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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