

Converting Colors

Yxy(52.0493, 0.3920, 0.3419)

Have a look what the booklet for
Yxy(52.0493, 0.3920, 0.3419)
contains.

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Color

Yxy(51.8524, 0.3918, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	F7ACA1
RGB	247, 172, 161
RGB Percent	97%, 67%, 63%
CMY	0.0314, 0.3255, 0.3687
CMYK	0.00, 0.30, 0.35, 0.03
HSL	8°, 84%, 80%
HSV	8°, 35%, 97%
XYZ	59.5421, 51.8524, 40.5762
YIQ	193.1710, 48.2310, 12.4790

Conversions

Conversions Part 2

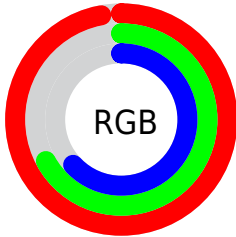
Format	Color
RYB	247, 174, 161
Decimal	16231585
CIELab	77.19, 26.13, 16.75
CIELCh	77, 31.041, 32.663
Yxy	51.8524, 0.3918, 0.3412
Android (android.graphics.Color)	4294421665 (0xFFF7ACA1)
YUV	193.1710, -15.8603, 47.2080
Hunter-Lab	72.0086, 21.5821, 16.9967

Details

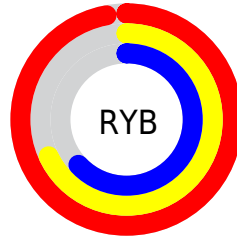
The Yxy color **51.8524, 0.3918, 0.3412** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.2635, 0.2618, 0.3163**, and the grayscale version is **53.5086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7047, 0.3397, 0.3411**, and **25.1166, 0.4147, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **43.5247, 0.4260, 0.3446**, and if you desaturate by 10%, it is **61.6852, 0.3632, 0.3376**.

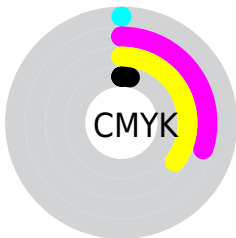
Distribution



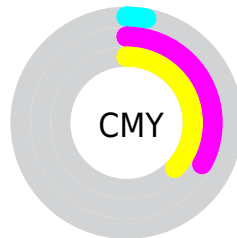
- Red (97%)
- Green (67%)
- Blue (63%)



- Red (97%)
- Yellow (68%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (3%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8524, 0.3918, 0.3412 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 51.8524, 0.3918, 0.3412 by changing the saturation by 10% instead.


 51.8524, 0.3918,
0.3412

 51.8524, 0.3918,
0.3412


393.8665, 0.3526,
0.3364

 36.8874, 0.4014,
0.3420


 92.9135, 0.3776,
0.3398

 25.1204, 0.4137,
0.3428


 119.7785, 0.3723,
0.3391

 16.1667, 0.4298,
0.3435


151.3789, 0.3678,
0.3386

 9.6422, 0.4518,
0.3438

188.0991, 0.3639,
0.3380

 5.1624, 0.4833,
0.3429

230.3236, 0.3605,
0.3376

 2.3429, 0.5317,
0.3382

278.4368, 0.3575,

 0.7963, 0.6569,

0.3371

0.3431

332.8229, 0.3549,
0.3368

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8524, 0.3918,
0.3412

51.8524, 0.3918,
0.3412

43.5247, 0.4260,
0.3446

61.6852, 0.3632,
0.3376

36.6204, 0.4658,
0.3474

73.0844, 0.3398,
0.3340

31.0618, 0.5097,
0.3489

86.1171, 0.3206,
0.3306

26.7604, 0.5539,
0.3484

98.5146, 0.3078,
0.3290

■ 23.6170, 0.5930,
0.3454

■ 21.5173, 0.6210,
0.3401

■ 20.7904, 0.6307,
0.3374

Harmonies

Analogous

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



51.8524, 0.3658, 0.3079



51.8524, 0.3918, 0.3412



51.8524, 0.3946, 0.3739

Triad

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



51.8524, 0.3918, 0.3412



51.8524, 0.2963, 0.3858



51.8524, 0.2522, 0.2625

Complementary

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



51.8524, 0.3918, 0.3412



74.2635, 0.2618, 0.3163

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.



51.8524, 0.2366, 0.2775



51.8524, 0.3918, 0.3412



51.8524, 0.2607, 0.3490

Square

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



51.8524, 0.3918, 0.3412



51.8524, 0.3379, 0.4039



51.8524, 0.2395, 0.3084



51.8524, 0.2838, 0.2642

Rectangle

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



51.8524, 0.3918, 0.3412



51.8524, 0.3833, 0.3915



51.8524, 0.2395, 0.3084



51.8524, 0.2451, 0.2656

Sweetspot

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



51.8549, 0.3918, 0.3412



85.0930, 0.3301, 0.3323



51.3680, 0.3250, 0.2515



17.7961, 0.3328, 0.3328



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.



51.8549, 0.3918, 0.3412



49.1073, 0.4160, 0.3437



70.4529, 0.3762, 0.3850



16.8249, 0.3291, 0.3321



11.1060, 0.6289, 0.3389



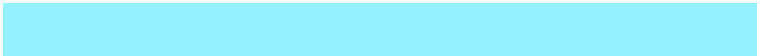
1.0824, 0.6098, 0.3540

Inverse Universe

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



74.2635, 0.2618, 0.3163



76.5740, 0.2527, 0.3132



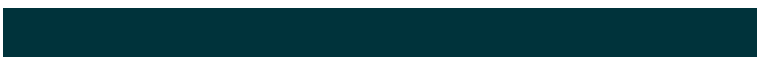
52.8522, 0.2549, 0.2654



18.3739, 0.2981, 0.3259



29.4898, 0.2133, 0.2879



2.6910, 0.2149, 0.2936

Previews

White Background



This preview shows how the Yxy color 51.8524, 0.3918, 0.3412 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 51.8524, 0.3918, 0.3412 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 51.8524, 0.3918, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 51.8524, 0.3918, 0.3412.



This preview shows how white text looks on a background with the Yxy color 51.8524, 0.3918, 0.3412.

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

51.8524, 0.3918, 0.3412

Protanopia

51.8713, 0.3359, 0.3540

Deuteranopia

52.1563, 0.3659, 0.3586



Tritanopia

51.8931, 0.3748, 0.3152

Trichromacy



Original Color

51.8524, 0.3918, 0.3412



Protanomaly

51.2559, 0.3548, 0.3482



Deuteranomaly

52.0036, 0.3744, 0.3521



Tritanomaly

51.7619, 0.3812, 0.3249

Monochromacy



Original Color

51.8524, 0.3918, 0.3412



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 51.8524, 0.3918, 0.3412 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, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 172, 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, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 172, 161) }
```

Border

The CSS property to change the border of an element to Yxy 51.8524, 0.3918, 0.3412 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, 172, 161) }
```

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

```
.border{ border-color:rgb(247, 172, 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, 172, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 172,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8524, 0.3918, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 172, 161) }
```

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

```
.background{ background-color: rgb(247,  
172, 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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