

Converting Colors

$Yxy(47.3411, 0.3930, 0.3325)$

Have a look what the booklet for
Yxy(47.3411, 0.3930, 0.3325)
contains.

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Color

Yxy(47.2211, 0.3930, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	F2A29F
RGB	242, 162, 159
RGB Percent	95%, 64%, 62%
CMY	0.0509, 0.3647, 0.3766
CMYK	0.00, 0.33, 0.34, 0.05
HSL	2°, 76%, 79%
HSV	2°, 34%, 95%
XYZ	55.7964, 47.2211, 38.9581
YIQ	185.5780, 48.6430, 16.0270

Conversions

Conversions Part 2

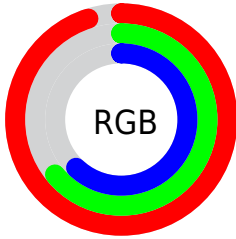
Format	Color
R_{YB}	242, 162, 159
Decimal	15901343
CIE _{Lab}	74.33, 29.30, 13.76
CIE _{LCh}	74, 32.370, 25.152
Yxy	47.2211, 0.3930, 0.3326
Android (android.graphics.Color)	4294091423 (0xFFFF2A29F)
YUV	185.5780, -13.1030, 49.4821
Hunter-Lab	68.7176, 24.6803, 14.4890

Details

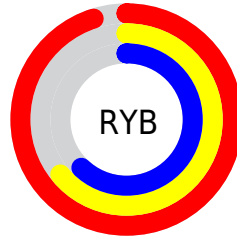
The Yxy color **47.2211, 0.3930, 0.3326** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.4947, 0.2637, 0.3254**, and the grayscale version is **48.9091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7407, 0.3429, 0.3321**, and **22.2103, 0.4161, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **38.9971, 0.4292, 0.3336**, and if you desaturate by 10%, it is **57.1368, 0.3632, 0.3315**.

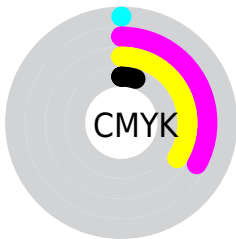
Distribution



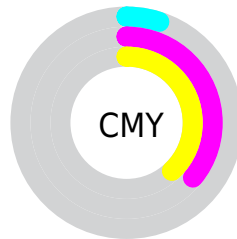
- Red (95%)
- Green (64%)
- Blue (62%)



- Red (95%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (34%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2211, 0.3930, 0.3326 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 47.2211, 0.3930, 0.3326 by changing the saturation by 10% instead.


 47.2211, 0.3930,
0.3326

 47.2211, 0.3930,
0.3326


375.6964, 0.3525,
0.3319

 33.2105, 0.4031,
0.3324


 86.0436, 0.3783,
0.3326

 22.2877, 0.4162,
0.3320


 111.6242, 0.3727,
0.3325

 14.0685, 0.4334,
0.3310

141.8303, 0.3681,
0.3325

 8.1683, 0.4574,
0.3291

177.0462, 0.3641,
0.3324

 4.2028, 0.4926,
0.3248

217.6564, 0.3606,
0.3322

 1.7877, 0.5497,
0.3153

264.0452, 0.3576,

 0.4795, 0.7172,

0.3321

0.2828

316.5971, 0.3549,
0.3320

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2211, 0.3930,
0.3326

47.2211, 0.3930,
0.3326

38.9971, 0.4292,
0.3336

57.1368, 0.3632,
0.3315

32.3642, 0.4717,
0.3345

68.8241, 0.3391,
0.3304

27.2214, 0.5185,
0.3349

82.3660, 0.3198,
0.3294

23.4535, 0.5652,
0.3347

97.6191, 0.3048,
0.3290

■ 20.9284, 0.6046,
0.3337

■ 19.4883, 0.6302,
0.3320

■ 19.0714, 0.6382,
0.3315

Harmonies

Analogous

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



47.2211, 0.3598, 0.2982



47.2211, 0.3930, 0.3326



47.2211, 0.4026, 0.3685

Triad

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



47.2211, 0.3930, 0.3326



47.2211, 0.3058, 0.3978



47.2211, 0.2420, 0.2600

Complementary

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



47.2211, 0.3930, 0.3326



75.4947, 0.2637, 0.3254

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.



47.2211, 0.2302, 0.2803



47.2211, 0.3930, 0.3326



47.2211, 0.2651, 0.3616

Square

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



47.2211, 0.3930, 0.3326



47.2211, 0.3503, 0.4105



47.2211, 0.2382, 0.3169



47.2211, 0.2718, 0.2577

Rectangle

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



47.2211, 0.3930, 0.3326



47.2211, 0.3943, 0.3894



47.2211, 0.2382, 0.3169



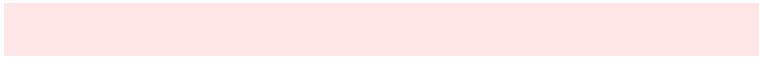
47.2211, 0.2359, 0.2648

Sweetspot

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



47.2234, 0.3930, 0.3326



83.7803, 0.3303, 0.3300



49.9096, 0.3190, 0.2463



17.4816, 0.3331, 0.3301



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.



47.2234, 0.3930, 0.3326



46.6793, 0.4169, 0.3333



64.2139, 0.3775, 0.3771



15.8515, 0.3292, 0.3299



10.2869, 0.6374, 0.3321



0.8882, 0.6305, 0.3376

Inverse Universe

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



75.4947, 0.2637, 0.3254



82.8494, 0.2557, 0.3246



54.0388, 0.2570, 0.2753



17.8239, 0.2981, 0.3281



34.8407, 0.2215, 0.3175



2.9292, 0.2220, 0.3191

Previews

White Background



This preview shows how the Yxy color 47.2211, 0.3930, 0.3326 looks on a white background.

Color Contrast Check

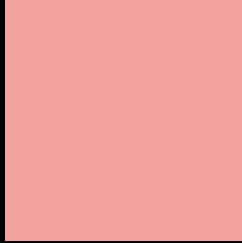
Large Text (above 18pt) WCAG AA × Fail

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 47.2211, 0.3930, 0.3326 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 47.2211, 0.3930, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 47.2211, 0.3930, 0.3326.



This preview shows how white text looks on a background with the Yxy color 47.2211, 0.3930, 0.3326.

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

47.2211, 0.3930, 0.3326

Protanopia

47.7164, 0.3292, 0.3458

Deuteranopia

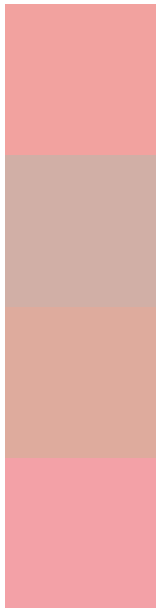
47.1526, 0.3609, 0.3538



Tritanopia

47.1749, 0.3817, 0.3160

Trichromacy



Original Color

47.2211, 0.3930, 0.3326

Protanomaly

46.9684, 0.3513, 0.3402

Deuteranomaly

47.0897, 0.3729, 0.3458

Tritanomaly

47.3344, 0.3863, 0.3226

Monochromacy



Original Color

47.2211, 0.3930, 0.3326

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.7007, 0.3394, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2211, 0.3930, 0.3326 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(242, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(242, 162, 159)  
}
```

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(242, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 162, 159) }
```

Border

The CSS property to change the border of an element to Yxy 47.2211, 0.3930, 0.3326 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(242, 162, 159) }
```

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

```
.border{ border-color:rgb(242, 162, 159) }
```

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

Here you see how a box with a 4 pixel rgb(242, 162, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(242, 162,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2211, 0.3930, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 162, 159) }
```

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

```
.background{ background-color: rgb(242,  
162, 159) }
```

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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