

Converting Colors

$Y_{xy}(47.2693, 0.3824, 0.3193)$

Have a look what the booklet for
Yxy(47.2693, 0.3824, 0.3193)
contains.

Yxy(47.2693, 0.3824, 0.3193)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.2693, 0.3824, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	F2A1AA
RGB	242, 161, 170
RGB Percent	95%, 63%, 67%
CMY	0.0511, 0.3685, 0.3334
CMYK	0.00, 0.33, 0.30, 0.05
HSL	353°, 76%, 79%
HSV	353°, 33%, 95%
XYZ	56.6106, 47.2693, 44.1605
YIQ	186.2450, 45.3870, 19.9710

Conversions

Conversions Part 2

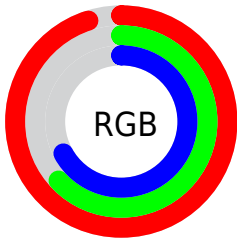
Format	Color
RYB	242, 161, 170
Decimal	15901098
CIELab	74.36, 31.19, 7.75
CIElCh	74, 32.144, 13.957
Yxy	47.2693, 0.3824, 0.3193
Android (android.graphics.Color)	4294091178 (0xFFFF2A1AA)
YUV	186.2450, -8.0088, 48.8971
Hunter-Lab	68.7527, 26.6589, 10.0444

Details

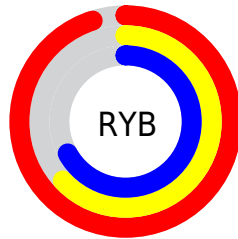
The Yxy color **47.2693, 0.3824, 0.3193** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.9529, 0.2696, 0.3392**, and the grayscale version is **49.2749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8080, 0.3351, 0.3200**, and **22.2235, 0.4025, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **38.8669, 0.4146, 0.3165**, and if you desaturate by 10%, it is **57.4460, 0.3561, 0.3223**.

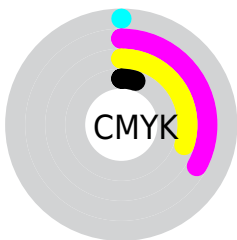
Distribution



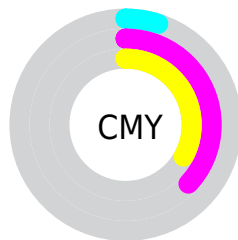
- Red (95%)
- Green (63%)
- Blue (67%)



- Red (95%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2693, 0.3824, 0.3193 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 47.2693, 0.3824, 0.3193 by changing the saturation by 10% instead.


 47.2693, 0.3824,
0.3193

 47.2693, 0.3824,
0.3193


375.8884, 0.3474,
0.3248

 33.2486, 0.3912,
0.3177


 86.1155, 0.3696,
0.3214

 22.3170, 0.4024,
0.3156


 111.7097, 0.3649,
0.3222

 14.0900, 0.4174,
0.3127


141.9306, 0.3608,
0.3228

 8.1833, 0.4383,
0.3082

177.1625, 0.3574,
0.3233

 4.2124, 0.4691,
0.3009

217.7899, 0.3544,
0.3238

 1.7931, 0.5190,
0.2875

264.1971, 0.3517,

 0.4829, 0.7261,

0.3242

0.2739

316.7684, 0.3494,
0.3245

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2693, 0.3824,
0.3193

47.2693, 0.3824,
0.3193

38.8669, 0.4146,
0.3165

57.4460, 0.3561,
0.3223

32.1307, 0.4528,
0.3142

69.4834, 0.3348,
0.3253

26.9515, 0.4961,
0.3131

83.4703, 0.3178,
0.3281

23.2044, 0.5413,
0.3136

97.6129, 0.3047,
0.3290

■ 20.7447, 0.5831,
0.3163

■ 19.3978, 0.6151,
0.3208

■ 18.9510, 0.6292,
0.3240

Harmonies

Analogous

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



47.2693, 0.3433, 0.2873



47.2693, 0.3824, 0.3193



47.2693, 0.4015, 0.3552

Triad

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



47.2693, 0.3824, 0.3193



47.2693, 0.3226, 0.4051



47.2693, 0.2359, 0.2659

Complementary

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



47.2693, 0.3824, 0.3193



76.9529, 0.2696, 0.3392

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.



47.2693, 0.2314, 0.2926



47.2693, 0.3824, 0.3193



47.2693, 0.2794, 0.3767

Square

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



47.2693, 0.3824, 0.3193



47.2693, 0.3650, 0.4079



47.2693, 0.2467, 0.3334



47.2693, 0.2592, 0.2570

Rectangle

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



47.2693, 0.3824, 0.3193



47.2693, 0.3997, 0.3779



47.2693, 0.2467, 0.3334



47.2693, 0.2322, 0.2729

Sweetspot

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



47.2716, 0.3824, 0.3193



83.4203, 0.3286, 0.3263



49.1512, 0.3087, 0.2438



17.3955, 0.3311, 0.3259



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.



47.2716, 0.3824, 0.3193



46.7333, 0.4031, 0.3174



59.1696, 0.3799, 0.3631



15.7873, 0.3276, 0.3264



10.1927, 0.6267, 0.3226



0.8572, 0.6002, 0.3080

Inverse Universe

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



47.2716, 0.3824, 0.3193



46.7333, 0.4031, 0.3174



60.5487, 0.2604, 0.2920



15.7873, 0.3276, 0.3264



10.1927, 0.6267, 0.3226



0.8572, 0.6002, 0.3080

Previews

White Background



This preview shows how the Yxy color 47.2693, 0.3824, 0.3193 looks on a white background.

Color Contrast Check

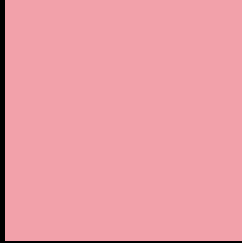
Large Text (above 18pt) WCAG AA × Fail

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 47.2693, 0.3824, 0.3193 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 47.2693, 0.3824, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 47.2693, 0.3824, 0.3193.



This preview shows how white text looks on a background with the Yxy color 47.2693, 0.3824, 0.3193.

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

47.2693, 0.3824, 0.3193

Protanopia

47.3981, 0.3170, 0.3290

Deuteranopia

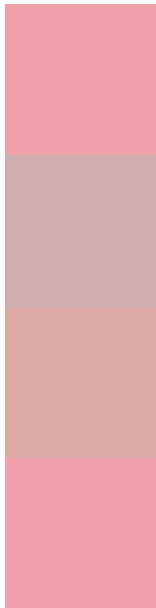
47.4997, 0.3482, 0.3415



Tritanopia

47.3841, 0.3794, 0.3160

Trichromacy



Original Color

47.2693, 0.3824, 0.3193

Protanomaly

46.7519, 0.3391, 0.3242

Deuteranomaly

47.1686, 0.3608, 0.3327

Tritanomaly

47.3455, 0.3804, 0.3171

Monochromacy



Original Color

47.2693, 0.3824, 0.3193

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.8614, 0.3359, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2693, 0.3824, 0.3193 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, 161, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 161, 170)  
}
```

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, 161, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 161, 170) }
```

Border

The CSS property to change the border of an element to Yxy 47.2693, 0.3824, 0.3193 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, 161, 170) }
```

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

```
.border{ border-color:rgb(242, 161, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 161, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 161, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 161, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 161,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2693, 0.3824, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 161, 170) }
```

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

```
.background{ background-color: rgb(242,  
161, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor