

# Converting Colors

$Y_{xy}(42.0770, 0.4194, 0.3291)$

Have a look what the booklet for  
Yxy(42.0770, 0.4194, 0.3291)  
contains.

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# Color

**Yxy(42.0693, 0.4195, 0.3293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F79191
RGB	247, 145, 145
RGB Percent	97%, 57%, 57%
CMY	0.0314, 0.4313, 0.4313
CMYK	0.00, 0.41, 0.41, 0.03
HSL	360°, 86%, 77%
HSV	360°, 41%, 97%
XYZ	53.5927, 42.0693, 32.0917
YIQ	175.4980, 60.7920, 21.6240

# Conversions

## Conversions Part 2

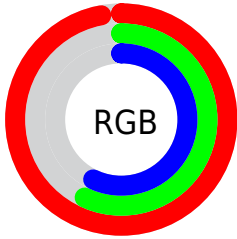
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	247, 145, 145
Decimal	16224657
CIELab	70.92, 38.42, 16.76
CIELCh	71, 41.919, 23.568
Yxy	42.0693, 0.4195, 0.3293
Android (android.graphics.Color)	4294414737 (0xFFFF79191)
YUV	175.4980, -15.0355, 62.7073
Hunter-Lab	64.8609, 33.9830, 16.0672

# Details

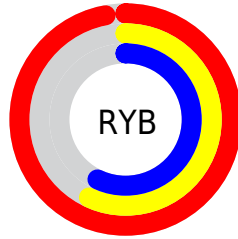
The Yxy color **42.0693, 0.4195, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.2503, 0.2561, 0.3288**, and the grayscale version is **43.1995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6921, 0.3574, 0.3302**, and **19.3463, 0.4512, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **34.6444, 0.4614, 0.3294**, and if you desaturate by 10%, it is **51.3047, 0.3844, 0.3292**.

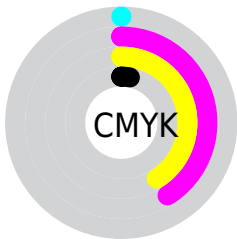
# Distribution



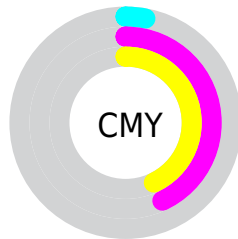
- Red (97%)
- Green (57%)
- Blue (57%)



- Red (97%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (3%)




- Cyan (3%)
- Magenta (43%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0693, 0.4195, 0.3293 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 42.0693, 0.4195, 0.3293 by changing the saturation by 10% instead.





 42.0693, 0.4195,  
0.3293

 42.0693, 0.4195,  
0.3293


354.7701, 0.3647,  
0.3311

 29.1556, 0.4335,  
0.3282


 78.3045, 0.3993,  
0.3304

 19.1985, 0.4516,  
0.3265

 102.3947, 0.3918,  
0.3307

 11.8138, 0.4757,  
0.3235


130.9793, 0.3855,  
0.3309

 6.6170, 0.5094,  
0.3180

164.4425, 0.3801,  
0.3310

 3.2238, 0.5589,  
0.3073

203.1688, 0.3755,  
0.3310

 1.2496, 0.6677,  
0.2979

247.5426, 0.3714,

 0.1017, 0.9117,

0.3311

0.0883

297.9482, 0.3678,  
0.3311

0.0000, 0.0000,  
0.0000

42.0693, 0.4195,  
0.3293

42.0693, 0.4195,  
0.3293

34.6444, 0.4614,  
0.3294

51.3047, 0.3844,  
0.3292

28.9053, 0.5085,  
0.3296

62.4518, 0.3558,  
0.3291

24.7219, 0.5566,  
0.3297

75.6119, 0.3330,  
0.3291

21.9423, 0.5988,  
0.3298

90.8774, 0.3148,  
0.3290

20.3840, 0.6276,  
0.3299

98.5124, 0.3078,  
0.3290

 19.7724, 0.6401,  
0.3300

# Harmonies

## Analogous

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



42.0693, 0.3727, 0.2858



42.0693, 0.4195, 0.3293



42.0693, 0.4335, 0.3760

# Triad

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



42.0693, 0.4195, 0.3293



42.0693, 0.3051, 0.4260



42.0693, 0.2185, 0.2388

# Complementary

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



42.0693, 0.4195, 0.3293



79.2503, 0.2561, 0.3288

# 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.



42.0693, 0.2048, 0.2649



42.0693, 0.4195, 0.3293



42.0693, 0.2512, 0.3764

# Square

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



42.0693, 0.4195, 0.3293



42.0693, 0.3640, 0.4393



42.0693, 0.2158, 0.3141



42.0693, 0.2554, 0.2357



# Rectangle

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



42.0693, 0.4195, 0.3293



42.0693, 0.4225, 0.4048



42.0693, 0.2158, 0.3141



42.0693, 0.2113, 0.2448

# Sweetspot

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



42.0714, 0.4195, 0.3293



80.1903, 0.3345, 0.3291



46.4336, 0.3160, 0.2269



16.7452, 0.3372, 0.3291



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.



42.0714, 0.4195, 0.3293



38.1139, 0.4560, 0.3294



60.5346, 0.3963, 0.3819



16.4826, 0.3294, 0.3290



10.4579, 0.6401, 0.3300



0.9192, 0.6400, 0.3299



# Inverse Universe

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



42.0714, 0.4195, 0.3293



38.1139, 0.4560, 0.3294



52.9867, 0.2464, 0.2687



16.4826, 0.3294, 0.3290



10.4579, 0.6401, 0.3300



0.9192, 0.6400, 0.3299



# Previews

## White Background



This preview shows how the Yxy color 42.0693, 0.4195, 0.3293 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

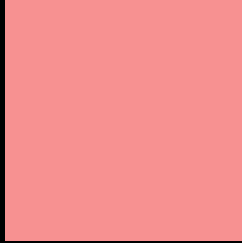
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 42.0693, 0.4195, 0.3293 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 42.0693, 0.4195, 0.3293**

## Background



This preview shows how black text looks on a background with the Yxy color 42.0693, 0.4195, 0.3293.



This preview shows how white text looks on a background with the Yxy color 42.0693, 0.4195, 0.3293.

# 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

42.0693, 0.4195, 0.3293

### Protanopia

42.2141, 0.3319, 0.3480

### Deuteranopia

42.1171, 0.3700, 0.3626



## Tritanopia

42.2361, 0.4111, 0.3185

# Trichromacy



**Original Color**

42.0693, 0.4195, 0.3293

**Protanomaly**

41.5066, 0.3619, 0.3406

**Deuteranomaly**

41.6547, 0.3880, 0.3499

**Tritanomaly**

42.1373, 0.4144, 0.3218

# Monochromacy



**Original Color**

42.0693, 0.4195, 0.3293

**Achromatopsia**

43.4154, 0.3127, 0.3290

**Achromatomaly**

42.1834, 0.3480, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 42.0693, 0.4195, 0.3293 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, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(247, 145, 145)  
}
```

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, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 145, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 42.0693, 0.4195, 0.3293 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, 145, 145) }
```

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

```
.border{ border-color:rgb(247, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(247, 145,  
145) }
```



# Background

The CSS property to change the background color of an element to Yxy 42.0693, 0.4195, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 145, 145) }
```

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

```
.background{ background-color: rgb(247,  
145, 145) }
```

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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