

Converting Colors

$Y_{xy}(43.9130, 0.4191, 0.3222)$

Have a look what the booklet for
Yxy(43.9130, 0.4191, 0.3222)
contains.

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Color

Yxy(43.7778, 0.4195, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	FF9198
RGB	255, 145, 152
RGB Percent	100%, 57%, 60%
CMY	0.0000, 0.4314, 0.4040
CMYK	0.00, 0.43, 0.40, 0.00
HSL	356°, 100%, 78%
HSV	356°, 43%, 100%
XYZ	57.0335, 43.7778, 35.1446
YIQ	178.6880, 63.3130, 25.4970

Conversions

Conversions Part 2

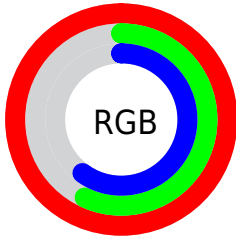
Format	Color
R _Y B	255, 145, 152
Decimal	16748952
CIE Lab	72.08, 42.08, 14.67
CIE LCh	72, 44.559, 19.221
Yxy	43.7778, 0.4195, 0.3220
Android (android.graphics.Color)	4294939032 (0xFFFF9198)
YUV	178.6880, -13.1572, 66.9256
Hunter-Lab	66.1648, 38.0771, 14.8224

Details

The Yxy color **43.7778, 0.4195, 0.3220** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3185, 0.2571, 0.3367**, and the grayscale version is **44.9509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0248, 0.3519, 0.3229**, and **20.1960, 0.4511, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **36.1356, 0.4599, 0.3208**, and if you desaturate by 10%, it is **53.3287, 0.3855, 0.3236**.

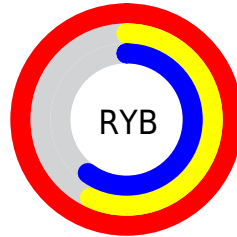
Distribution



Red (100%)

Green (57%)

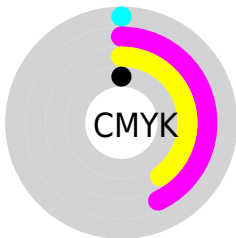
Blue (60%)



Red (100%)

Yellow (57%)

Blue (60%)

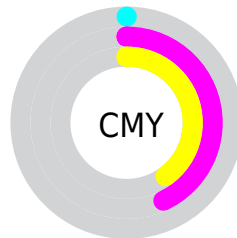


Cyan (0%)

Magenta (43%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7778, 0.4195, 0.3220 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 43.7778, 0.4195, 0.3220 by changing the saturation by 10% instead.


 43.7778, 0.4195,
0.3220

 43.7778, 0.4195,
0.3220


361.8008, 0.3651,
0.3273

 30.4959, 0.4333,
0.3201


 80.8833, 0.3996,
0.3243

 20.2153, 0.4510,
0.3174


 105.4756, 0.3921,
0.3251

 12.5516, 0.4746,
0.3133


134.6069, 0.3858,
0.3257

 7.1205, 0.5073,
0.3066

168.6614, 0.3805,
0.3261

 3.5376, 0.5552,
0.2946

208.0237, 0.3758,
0.3265

 1.4184, 0.6409,
0.2755

253.0781, 0.3718,

 0.2302, 0.8509,

0.3268

0.1491

304.2090, 0.3682,
0.3271

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.7778, 0.4195,
0.3220

43.7778, 0.4195,
0.3220

36.1356, 0.4599,
0.3208

53.3287, 0.3855,
0.3236

30.2705, 0.5053,
0.3203

64.9007, 0.3577,
0.3253

26.0400, 0.5520,
0.3208

78.6020, 0.3354,
0.3269

23.2782, 0.5937,
0.3227

94.5319, 0.3175,
0.3285

■ 21.7842, 0.6234,
0.3255

100.0000, 0.3127,
0.3290

■ 21.2980, 0.6353,
0.3273

Harmonies

Analogous

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



43.7778, 0.3666, 0.2780



43.7778, 0.4195, 0.3220



43.7778, 0.4396, 0.3706

Triad

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



43.7778, 0.4195, 0.3220



43.7778, 0.3134, 0.4359



43.7778, 0.2109, 0.2371

Complementary

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



43.7778, 0.4195, 0.3220



84.3185, 0.2571, 0.3367

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.



43.7778, 0.2003, 0.2677



43.7778, 0.4195, 0.3220



43.7778, 0.2554, 0.3880

Square

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



43.7778, 0.4195, 0.3220



43.7778, 0.3744, 0.4433



43.7778, 0.2153, 0.3222



43.7778, 0.2458, 0.2308

Rectangle

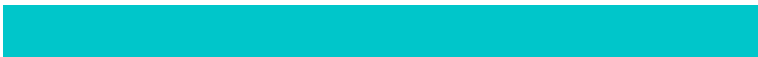
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.7778, 0.4195, 0.3220



43.7778, 0.4314, 0.4016



43.7778, 0.2153, 0.3222



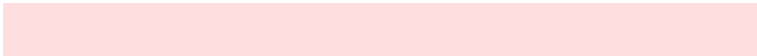
43.7778, 0.2046, 0.2445

Sweetspot

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



43.7791, 0.4195, 0.3220



78.8023, 0.3351, 0.3270



47.3681, 0.3115, 0.2210



16.1779, 0.3396, 0.3266



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.



43.7791, 0.4195, 0.3220



36.9113, 0.4550, 0.3209



61.2985, 0.4038, 0.3788



18.0058, 0.3284, 0.3275



11.1357, 0.6336, 0.3264



1.0905, 0.6189, 0.3183

Inverse Universe

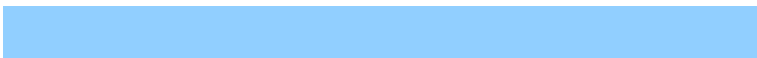
The Inverse Universe completely reimagines the original color for something new.



43.7791, 0.4195, 0.3220



36.9113, 0.4550, 0.3209



58.0287, 0.2445, 0.2722



18.0058, 0.3284, 0.3275



11.1357, 0.6336, 0.3264



1.0905, 0.6189, 0.3183

Previews

White Background



This preview shows how the Yxy color 43.7778, 0.4195, 0.3220 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 43.7778, 0.4195, 0.3220 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 43.7778, 0.4195, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 43.7778, 0.4195, 0.3220.



This preview shows how white text looks on a background with the Yxy color 43.7778, 0.4195, 0.3220.

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

43.7778, 0.4195, 0.3220

Protanopia

43.8229, 0.3247, 0.3397

Deuteranopia

43.8667, 0.3654, 0.3570



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.7778, 0.4195, 0.3220



Protanomaly

43.0742, 0.3576, 0.3329



Deuteranomaly

43.3476, 0.3851, 0.3435



Tritanomaly

43.8439, 0.4173, 0.3199

Monochromacy



Original Color

43.7778, 0.4195, 0.3220



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.7674, 0.3486, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7778, 0.4195, 0.3220 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(255, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 152)  
}
```

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(255, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 152) }
```

Border

The CSS property to change the border of an element to Yxy 43.7778, 0.4195, 0.3220 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(255, 145, 152) }
```

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

```
.border{ border-color:rgb(255, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7778, 0.4195, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 152) }
```

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

```
.background{ background-color: rgb(255,  
145, 152) }
```

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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