

Converting Colors

$Y_{xy}(42.0164, 0.4219, 0.3156)$

Have a look what the booklet for
Yxy(42.0164, 0.4219, 0.3156)
contains.

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Color

Yxy(41.9922, 0.4222, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	FF8B98
RGB	255, 139, 152
RGB Percent	100%, 55%, 60%
CMY	0.0000, 0.4549, 0.4040
CMYK	0.00, 0.45, 0.40, 0.00
HSL	353°, 100%, 77%
HSV	353°, 45%, 100%
XYZ	56.1403, 41.9922, 34.8384
YIQ	175.1660, 64.9630, 28.6350

Conversions

Conversions Part 2

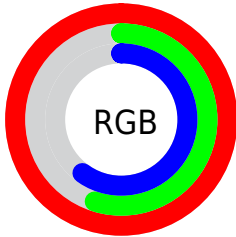
Format	Color
RYB	255, 139, 152
Decimal	16747416
CIELab	70.87, 45.10, 12.98
CIELCh	71, 46.925, 16.052
Yxy	41.9922, 0.4222, 0.3158
Android (android.graphics.Color)	4294937496 (0xFFFF8B98)
YUV	175.1660, -11.4208, 70.0144
Hunter-Lab	64.8014, 41.2400, 13.4856

Details

The Yxy color **41.9922, 0.4222, 0.3158** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.4224, 0.2573, 0.3437**, and the grayscale version is **42.9942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2998, 0.3531, 0.3168**, and **19.1973, 0.4552, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **34.7768, 0.4617, 0.3137**, and if you desaturate by 10%, it is **51.0723, 0.3887, 0.3186**.

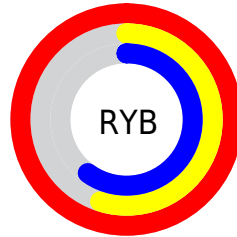
Distribution



Red (100%)

Green (55%)

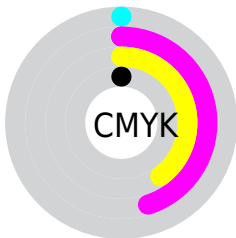
Blue (60%)



Red (100%)

Yellow (55%)

Blue (60%)

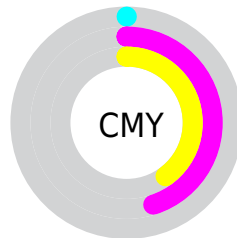


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9922, 0.4222, 0.3158 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 41.9922, 0.4222, 0.3158 by changing the saturation by 10% instead.


 41.9922, 0.4222,
0.3158

 41.9922, 0.4222,
0.3158


354.4506, 0.3661,
0.3242


 29.0952, 0.4365,
0.3132


 78.1878, 0.4016,
0.3192

 19.1528, 0.4550,
0.3095


 102.2552, 0.3939,
0.3204

 11.7808, 0.4797,
0.3041


 130.8149, 0.3874,
0.3214

 6.5946, 0.5141,
0.2955

164.2511, 0.3819,
0.3221

 3.2099, 0.5649,
0.2809

202.9485, 0.3771,
0.3228

 1.2423, 0.6582,
0.2582

247.2912, 0.3730,

 0.0958, 0.9284,

0.3233

0.0716

297.6638, 0.3693,
0.3238

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.9922, 0.4222,
0.3158

41.9922, 0.4222,
0.3158

34.7768, 0.4617,
0.3137

51.0723, 0.3887,
0.3186

29.2949, 0.5058,
0.3129

62.1328, 0.3611,
0.3216

25.4008, 0.5509,
0.3138

75.2816, 0.3388,
0.3246

22.9244, 0.5912,
0.3170

90.6188, 0.3210,
0.3275

■ 21.6557, 0.6204,
0.3220

100.0000, 0.3127,
0.3290

■ 21.3462, 0.6294,
0.3241

Harmonies

Analogous

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



41.9922, 0.3629, 0.2706



41.9922, 0.4222, 0.3158



41.9922, 0.4477, 0.3668

Triad

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



41.9922, 0.4222, 0.3158



41.9922, 0.3199, 0.4469



41.9922, 0.2025, 0.2336

Complementary

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



41.9922, 0.4222, 0.3158



83.4224, 0.2573, 0.3437

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.



41.9922, 0.1941, 0.2683



41.9922, 0.4222, 0.3158



41.9922, 0.2572, 0.3993

Square

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



41.9922, 0.4222, 0.3158



41.9922, 0.3840, 0.4491



41.9922, 0.2125, 0.3285



41.9922, 0.2365, 0.2247

Rectangle

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



41.9922, 0.4222, 0.3158



41.9922, 0.4414, 0.4002



41.9922, 0.2125, 0.3285



41.9922, 0.1968, 0.2421

Sweetspot

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



41.9927, 0.4222, 0.3158



77.4231, 0.3359, 0.3251



44.4699, 0.3063, 0.2138



15.9105, 0.3402, 0.3244



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.



41.9927, 0.4222, 0.3158



35.0877, 0.4597, 0.3138



57.1854, 0.4133, 0.3756



18.0201, 0.3277, 0.3264



11.1643, 0.6270, 0.3227



1.0972, 0.6040, 0.3101

Inverse Universe

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



41.9927, 0.4222, 0.3158



35.0877, 0.4597, 0.3138



59.0674, 0.2422, 0.2757



18.0201, 0.3277, 0.3264



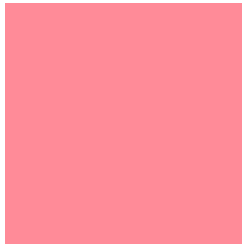
11.1643, 0.6270, 0.3227



1.0972, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 41.9922, 0.4222, 0.3158 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 41.9922, 0.4222, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

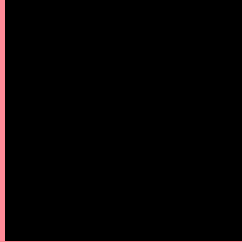
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9922, 0.4222, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 41.9922, 0.4222, 0.3158.

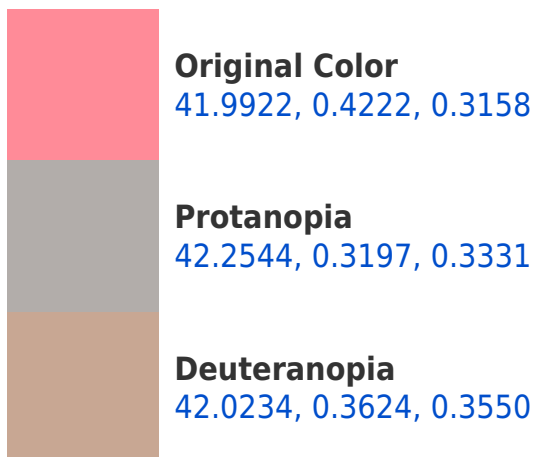


This preview shows how white text looks on a background with the Yxy color 41.9922, 0.4222, 0.3158.

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

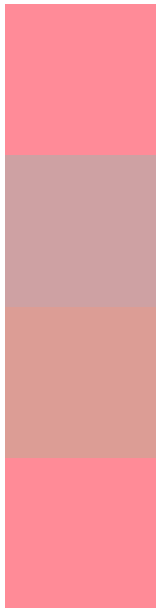




Tritanopia

41.9272, 0.4244, 0.3179

Trichromacy



Original Color

41.9922, 0.4222, 0.3158

Protanomaly

41.2559, 0.3547, 0.3266

Deuteranomaly

41.4995, 0.3838, 0.3389

Tritanomaly

41.9596, 0.4233, 0.3168

Monochromacy



Original Color

41.9922, 0.4222, 0.3158

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.4681, 0.3487, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9922, 0.4222, 0.3158 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, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 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, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 152) }
```

Border

The CSS property to change the border of an element to Yxy 41.9922, 0.4222, 0.3158 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, 139, 152) }
```

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

```
.border{ border-color:rgb(255, 139, 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, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9922, 0.4222, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 152) }
```

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

```
.background{ background-color: rgb(255,  
139, 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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