

Converting Colors

$Y_{xy}(44.2279, 0.4174, 0.3219)$

Have a look what the booklet for
Yxy(44.2279, 0.4174, 0.3219)
contains.

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Color

Yxy(44.1177, 0.4180, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	FF9299
RGB	255, 146, 153
RGB Percent	100%, 57%, 60%
CMY	0.0000, 0.4274, 0.4001
CMYK	0.00, 0.43, 0.40, 0.00
HSL	356°, 100%, 79%
HSV	356°, 43%, 100%
XYZ	57.2708, 44.1177, 35.6230
YIQ	179.3890, 62.7170, 25.2850

Conversions

Conversions Part 2

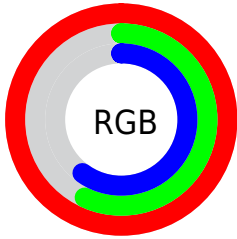
Format	Color
R _Y B	255, 146, 153
Decimal	16749209
CIE Lab	72.31, 41.68, 14.44
CIE LCh	72, 44.111, 19.111
Yxy	44.1177, 0.4180, 0.3220
Android (android.graphics.Color)	4294939289 (0xFFFF9299)
YUV	179.3890, -13.0098, 66.3108
Hunter-Lab	66.4212, 37.6723, 14.6964

Details

The Yxy color **44.1177, 0.4180, 0.3220** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.4100, 0.2575, 0.3367**, and the grayscale version is **45.3414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5383, 0.3509, 0.3230**, and **20.3901, 0.4489, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **36.4017, 0.4581, 0.3208**, and if you desaturate by 10%, it is **53.7437, 0.3842, 0.3236**.

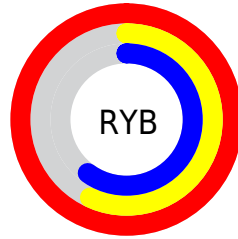
Distribution



Red (100%)

Green (57%)

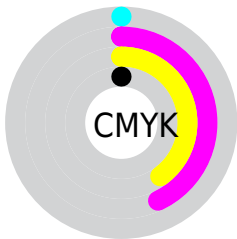
Blue (60%)



Red (100%)

Yellow (57%)

Blue (60%)

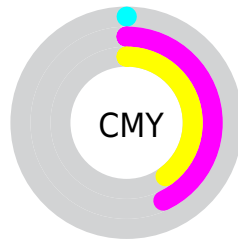


Cyan (0%)

Magenta (43%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1177, 0.4180, 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 44.1177, 0.4180, 0.3220 by changing the saturation by 10% instead.


 44.1177, 0.4180,
0.3220


 44.1177, 0.4180,
0.3220

363.1884, 0.3644,
0.3272

 30.7631, 0.4315,
0.3202


 81.3948, 0.3984,
0.3243

 20.4185, 0.4490,
0.3175


 106.0861, 0.3910,
0.3250

 12.6996, 0.4722,
0.3135


135.3250, 0.3849,
0.3256

 7.2220, 0.5043,
0.3069

169.4960, 0.3796,
0.3261

 3.6013, 0.5514,
0.2953

208.9834, 0.3750,
0.3264

 1.4532, 0.6338,
0.2762

254.1717, 0.3710,

 0.2554, 0.8392,

0.3267

0.1608

305.4452, 0.3675,
0.3270

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.1177, 0.4180,
0.3220

■ 44.1177, 0.4180,
0.3220

■ 36.4017, 0.4581,
0.3208

■ 53.7437, 0.3842,
0.3236

■ 30.4695, 0.5034,
0.3202

■ 65.3966, 0.3567,
0.3253

■ 26.1778, 0.5501,
0.3207

■ 79.1826, 0.3346,
0.3270

■ 23.3619, 0.5921,
0.3225

■ 95.2008, 0.3169,
0.3286

■ 21.8224, 0.6225,
0.3254

100.0000, 0.3127,
0.3290

■ 21.2984, 0.6353,
0.3273

Harmonies

Analogous

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



44.1177, 0.3657, 0.2785



44.1177, 0.4180, 0.3220



44.1177, 0.4380, 0.3701

Triad

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



44.1177, 0.4180, 0.3220



44.1177, 0.3137, 0.4345



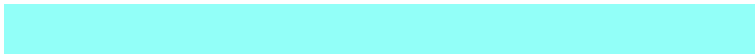
44.1177, 0.2119, 0.2383

Complementary

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



44.1177, 0.4180, 0.3220



84.4100, 0.2575, 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.



44.1177, 0.2015, 0.2686



44.1177, 0.4180, 0.3220



44.1177, 0.2563, 0.3874

Square

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



44.1177, 0.4180, 0.3220



44.1177, 0.3739, 0.4418



44.1177, 0.2165, 0.3226



44.1177, 0.2464, 0.2319

Rectangle

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



44.1177, 0.4180, 0.3220



44.1177, 0.4300, 0.4007



44.1177, 0.2165, 0.3226



44.1177, 0.2057, 0.2456

Sweetspot

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



44.1173, 0.4180, 0.3220



78.8032, 0.3351, 0.3269



47.6859, 0.3115, 0.2219



16.1781, 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.



44.1173, 0.4180, 0.3220



37.6155, 0.4507, 0.3210



61.5789, 0.4028, 0.3784



18.0059, 0.3284, 0.3275



11.1359, 0.6336, 0.3264



1.0906, 0.6188, 0.3182

Inverse Universe

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



44.1173, 0.4180, 0.3220



37.6155, 0.4507, 0.3210



58.3294, 0.2451, 0.2728



18.0059, 0.3284, 0.3275



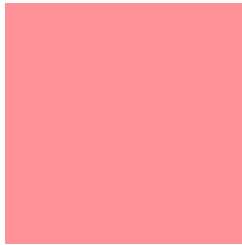
11.1359, 0.6336, 0.3264



1.0906, 0.6188, 0.3182

Previews

White Background



This preview shows how the Yxy color 44.1177, 0.4180, 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 44.1177, 0.4180, 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 44.1177, 0.4180, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 44.1177, 0.4180, 0.3220.



This preview shows how white text looks on a background with the Yxy color 44.1177, 0.4180, 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

44.1177, 0.4180, 0.3220

Protanopia

44.3761, 0.3246, 0.3396

Deuteranopia

44.2749, 0.3641, 0.3569



Tritanopia

44.2181, 0.4147, 0.3188

Trichromacy



Original Color

44.1177, 0.4180, 0.3220



Protanomaly

43.4721, 0.3564, 0.3329



Deuteranomaly

43.7306, 0.3838, 0.3435



Tritanomaly

44.1843, 0.4158, 0.3199

Monochromacy



Original Color

44.1177, 0.4180, 0.3220



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.8051, 0.3477, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1177, 0.4180, 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, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 153)  
}
```

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, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 153) }
```

Border

The CSS property to change the border of an element to Yxy 44.1177, 0.4180, 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, 146, 153) }
```

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

```
.border{ border-color:rgb(255, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1177, 0.4180, 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, 146, 153) }
```

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

```
.background{ background-color: rgb(255,  
146, 153) }
```

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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