

Converting Colors

Yxy(53.6881, 0.4069, 0.3197)

Have a look what the booklet for
Yxy(53.6881, 0.4069, 0.3197)
contains.

Yxy(50.4329, 0.3917, 0.3198)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.4329, 0.3917, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3AC
RGB	255, 163, 172
RGB Percent	100%, 64%, 67%
CMY	0.0001, 0.3607, 0.3256
CMYK	0.00, 0.36, 0.33, 0.00
HSL	354°, 100%, 82%
HSV	354°, 36%, 100%
XYZ	61.7716, 50.4329, 45.4968
YIQ	191.5340, 51.9430, 22.3030

Conversions

Conversions Part 2

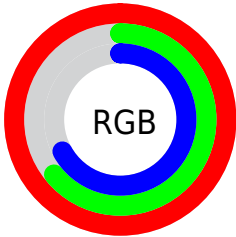
Format	Color
R _Y B	255, 163, 172
Decimal	16753580
CIE Lab	76.33, 35.11, 9.68
CIE LCh	76, 36.415, 15.408
Yxy	50.4329, 0.3917, 0.3198
Android (android.graphics.Color)	4294943660 (0xFFFFA3AC)
YUV	191.5340, -9.6303, 55.6597
Hunter-Lab	71.0161, 30.9856, 11.7268

Details

The Yxy color **50.4329, 0.3917, 0.3198** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9406, 0.2661, 0.3388**, and the grayscale version is **52.4623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4691, 0.3334, 0.3211**, and **24.2437, 0.4134, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **41.4649, 0.4262, 0.3174**, and if you desaturate by 10%, it is **61.3840, 0.3633, 0.3224**.

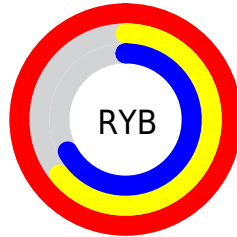
Distribution



Red (100%)

Green (64%)

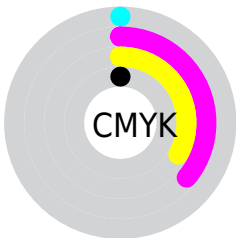
Blue (67%)



Red (100%)

Yellow (64%)

Blue (67%)

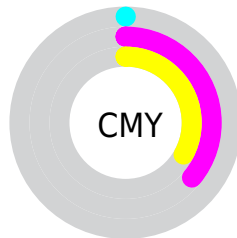


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4329, 0.3917, 0.3198 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 50.4329, 0.3917, 0.3198 by changing the saturation by 10% instead.


 50.4329, 0.3917,
0.3198

 50.4329, 0.3917,
0.3198


388.3564, 0.3524,
0.3252

 35.7575, 0.4014,
0.3182


 90.8160, 0.3775,
0.3219

 24.2470, 0.4138,
0.3161


 117.2924, 0.3721,
0.3227

 15.5169, 0.4301,
0.3131


148.4713, 0.3676,
0.3233

 9.1830, 0.4525,
0.3085

184.7370, 0.3637,
0.3238

 4.8607, 0.4851,
0.3010

226.4740, 0.3603,
0.3242

 2.1658, 0.5360,
0.2874

274.0666, 0.3573,

 0.7012, 0.6862,

0.3246

0.2791

327.8993, 0.3547,
0.3249

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4329, 0.3917,
0.3198

50.4329, 0.3917,
0.3198

41.4649, 0.4262,
0.3174

61.3840, 0.3633,
0.3224

34.3544, 0.4667,
0.3157

74.4193, 0.3404,
0.3251

28.9731, 0.5116,
0.3151

89.6418, 0.3220,
0.3276

25.1731, 0.5570,
0.3162

99.9930, 0.3127,
0.3290

■ 22.7820, 0.5966,
0.3192

■ 21.5860, 0.6242,
0.3237

■ 21.3224, 0.6314,
0.3252

Harmonies

Analogous

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



50.4329, 0.3489, 0.2846



50.4329, 0.3917, 0.3198



50.4329, 0.4115, 0.3591

Triad

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



50.4329, 0.3917, 0.3198



50.4329, 0.3208, 0.4131



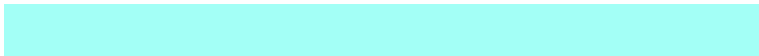
50.4329, 0.2290, 0.2584

Complementary

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



50.4329, 0.3917, 0.3198



85.9406, 0.2661, 0.3388

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.



50.4329, 0.2231, 0.2864



50.4329, 0.3917, 0.3198



50.4329, 0.2735, 0.3801

Square

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



50.4329, 0.3917, 0.3198



50.4329, 0.3681, 0.4169



50.4329, 0.2386, 0.3311



50.4329, 0.2553, 0.2499

Rectangle

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



50.4329, 0.3917, 0.3198



50.4329, 0.4083, 0.3840



50.4329, 0.2386, 0.3311



50.4329, 0.2247, 0.2656

Sweetspot

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



50.4353, 0.3917, 0.3198



81.8661, 0.3306, 0.3263



52.9735, 0.3095, 0.2373



17.0849, 0.3331, 0.3260



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.



50.4353, 0.3917, 0.3198



44.0190, 0.4150, 0.3181



65.1155, 0.3863, 0.3675



18.0158, 0.3279, 0.3267



11.1545, 0.6292, 0.3240



1.0952, 0.6084, 0.3125

Inverse Universe

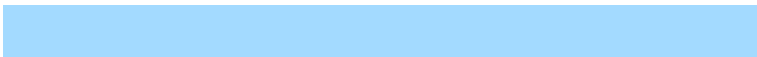
The Inverse Universe completely reimagines the original color for something new.



50.4353, 0.3917, 0.3198



44.0190, 0.4150, 0.3181



65.2483, 0.2560, 0.2867



18.0158, 0.3279, 0.3267



11.1545, 0.6292, 0.3240



1.0952, 0.6084, 0.3125

Previews

White Background



This preview shows how the Yxy color 50.4329, 0.3917, 0.3198 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 50.4329, 0.3917, 0.3198 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 50.4329, 0.3917, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 50.4329, 0.3917, 0.3198.



This preview shows how white text looks on a background with the Yxy color 50.4329, 0.3917, 0.3198.

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

50.4329, 0.3917, 0.3198

Protanopia

50.8067, 0.3192, 0.3328

Deuteranopia

50.6166, 0.3516, 0.3447



Tritanopia

50.5495, 0.3888, 0.3166

Trichromacy



Original Color

50.4329, 0.3917, 0.3198



Protanomaly

50.1344, 0.3445, 0.3279



Deuteranomaly

50.2202, 0.3661, 0.3349



Tritanomaly

50.5104, 0.3898, 0.3176

Monochromacy



Original Color

50.4329, 0.3917, 0.3198



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

50.9976, 0.3390, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4329, 0.3917, 0.3198 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, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 172)  
}
```

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, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 172) }
```

Border

The CSS property to change the border of an element to Yxy 50.4329, 0.3917, 0.3198 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, 163, 172) }
```

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

```
.border{ border-color:rgb(255, 163, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4329, 0.3917, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 172) }
```

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

```
.background{ background-color: rgb(255,  
163, 172) }
```

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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