

Converting Colors

$Y_{xy}(50.1215, 0.3826, 0.3072)$

Have a look what the booklet for
Yxy(50.1215, 0.3826, 0.3072)
contains.

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Color

Yxy(50.1271, 0.3825, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1B6
RGB	255, 161, 182
RGB Percent	100%, 63%, 71%
CMY	0.0002, 0.3685, 0.2863
CMYK	0.00, 0.37, 0.29, 0.00
HSL	347°, 100%, 82%
HSV	347°, 37%, 100%
XYZ	62.4141, 50.1271, 50.6329
YIQ	191.5000, 49.2830, 26.4590

Conversions

Conversions Part 2

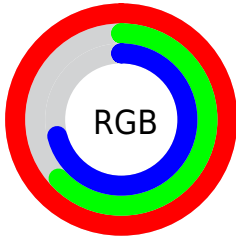
Format	Color
R _Y B	255, 161, 182
Decimal	16753078
CIE _{Lab}	76.15, 37.41, 3.93
CIE _{LCh}	76, 37.614, 5.991
Y _{xy}	50.1271, 0.3825, 0.3072
Android (android.graphics.Color)	4294943158 (0xFFFFA1B6)
Y _{UV}	191.5000, -4.6835, 55.6895
Hunter-Lab	70.8005, 33.4557, 7.1591

Details

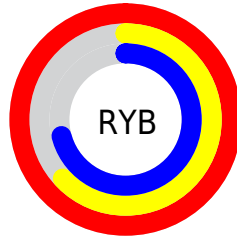
The Yxy color **50.1271, 0.3825, 0.3072** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.0114, 0.2708, 0.3526**, and the grayscale version is **52.4138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0588, 0.3259, 0.3082**, and **24.0459, 0.4019, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **41.3447, 0.4121, 0.3015**, and if you desaturate by 10%, it is **60.8468, 0.3580, 0.3133**.

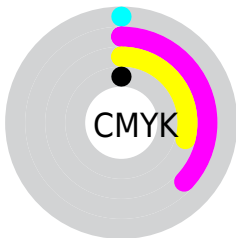
Distribution



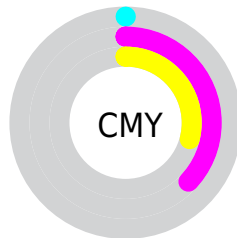
- Red (100%)
- Green (63%)
- Blue (71%)



- Red (100%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1271, 0.3825, 0.3072 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 50.1271, 0.3825, 0.3072 by changing the saturation by 10% instead.


 50.1271, 0.3825,
0.3072

 50.1271, 0.3825,
0.3072

387.1628, 0.3479,
0.3183

 35.5144, 0.3910,
0.3044


 90.3632, 0.3700,
0.3113

 24.0594, 0.4019,
0.3007


 116.7553, 0.3653,
0.3128

 15.3777, 0.4162,
0.2958

147.8427, 0.3613,
0.3141

 9.0849, 0.4359,
0.2890

184.0098, 0.3579,
0.3152

 4.7966, 0.4645,
0.2787

225.6410, 0.3549,
0.3161

 2.1284, 0.5096,
0.2618

273.1206, 0.3523,

 0.6805, 0.6086,

0.3170

0.2322

326.8331, 0.3500,
0.3177

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1271, 0.3825,
0.3072

50.1271, 0.3825,
0.3072

41.3447, 0.4121,
0.3015

60.8468, 0.3580,
0.3133

34.3764, 0.4468,
0.2970

73.6030, 0.3381,
0.3194

29.0963, 0.4859,
0.2946

88.4964, 0.3219,
0.3252

25.3588, 0.5267,
0.2953

99.9911, 0.3127,
0.3290

■ 22.9937, 0.5654,
0.2999

■ 21.7865, 0.5970,
0.3082

■ 21.5453, 0.6054,
0.3109

Harmonies

Analogous

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



50.1271, 0.3336, 0.2737



50.1271, 0.3825, 0.3072



50.1271, 0.4117, 0.3471

Triad

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



50.1271, 0.3825, 0.3072



50.1271, 0.3369, 0.4209



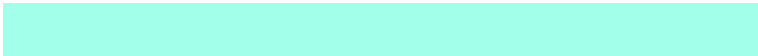
50.1271, 0.2221, 0.2629

Complementary

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



50.1271, 0.3825, 0.3072



85.0114, 0.2708, 0.3526

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.



50.1271, 0.2229, 0.2978



50.1271, 0.3825, 0.3072



50.1271, 0.2866, 0.3956

Square

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



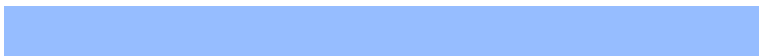
50.1271, 0.3825, 0.3072



50.1271, 0.3829, 0.4151



50.1271, 0.2455, 0.3475



50.1271, 0.2428, 0.2480

Rectangle

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



50.1271, 0.3825, 0.3072



50.1271, 0.4148, 0.3738



50.1271, 0.2455, 0.3475



50.1271, 0.2199, 0.2724

Sweetspot

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



50.1295, 0.3825, 0.3072



82.0659, 0.3282, 0.3229



50.0488, 0.2992, 0.2325



17.1322, 0.3304, 0.3221



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.



50.1295, 0.3825, 0.3072



43.6657, 0.4031, 0.3031



58.9767, 0.3932, 0.3555



18.0534, 0.3259, 0.3237



11.2808, 0.6016, 0.3088



1.1139, 0.5709, 0.2919

Inverse Universe

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



50.1295, 0.3825, 0.3072



43.6657, 0.4031, 0.3031



71.3401, 0.2569, 0.3004



18.0534, 0.3259, 0.3237



11.2808, 0.6016, 0.3088



1.1139, 0.5709, 0.2919

Previews

White Background



This preview shows how the Yxy color 50.1271, 0.3825, 0.3072 looks on a white background.

Color Contrast Check

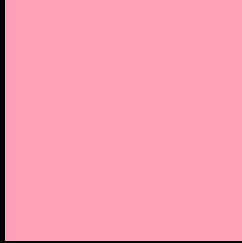
Large Text (above 18pt) WCAG AA × Fail

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 50.1271, 0.3825, 0.3072 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 50.1271, 0.3825, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 50.1271, 0.3825, 0.3072.



This preview shows how white text looks on a background with the Yxy color 50.1271, 0.3825, 0.3072.

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

50.1271, 0.3825, 0.3072

Protanopia

50.3907, 0.3067, 0.3165

Deuteranopia

50.3719, 0.3404, 0.3339



Tritanopia

49.9675, 0.3892, 0.3165

Trichromacy



Original Color

50.1271, 0.3825, 0.3072



Protanomaly

49.7927, 0.3318, 0.3125



Deuteranomaly

49.6955, 0.3555, 0.3233



Tritanomaly

50.0858, 0.3862, 0.3134

Monochromacy



Original Color

50.1271, 0.3825, 0.3072



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.1257, 0.3365, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1271, 0.3825, 0.3072 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, 161, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 182)  
}
```

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, 161, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.1271, 0.3825, 0.3072 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, 161, 182) }
```

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

```
.border{ border-color:rgb(255, 161, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1271, 0.3825, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 182) }
```

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

```
.background{ background-color: rgb(255,  
161, 182) }
```

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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