

Converting Colors

Yxy(49.6398, 0.3917, 0.3164)

Have a look what the booklet for
Yxy(49.6398, 0.3917, 0.3164)
contains.

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Color

Yxy(49.7669, 0.3914, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1AD
RGB	255, 161, 173
RGB Percent	100%, 63%, 68%
CMY	0.0000, 0.3686, 0.3216
CMYK	0.00, 0.37, 0.32, 0.00
HSL	352°, 100%, 82%
HSV	352°, 37%, 100%
XYZ	61.5248, 49.7669, 45.9000
YIQ	190.4740, 52.1720, 23.6600

Conversions

Conversions Part 2

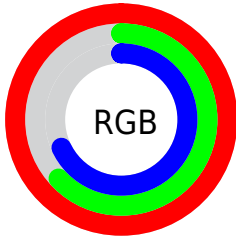
Format	Color
R _Y B	255, 161, 173
Decimal	16753069
CIE Lab	75.93, 36.29, 8.53
CIE LCh	76, 37.278, 13.230
Yxy	49.7669, 0.3914, 0.3166
Android (android.graphics.Color)	4294943149 (0xFFFFA1AD)
YUV	190.4740, -8.6147, 56.5893
Hunter-Lab	70.5457, 32.2199, 10.8054

Details

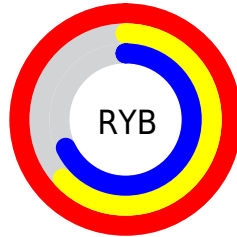
The Yxy color **49.7669, 0.3914, 0.3166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.5621, 0.2665, 0.3423**, and the grayscale version is **51.8101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4871, 0.3329, 0.3181**, and **23.8414, 0.4131, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **40.9561, 0.4251, 0.3135**, and if you desaturate by 10%, it is **60.5430, 0.3636, 0.3201**.

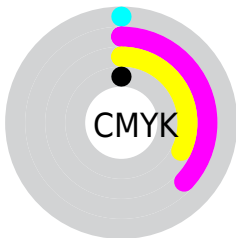
Distribution



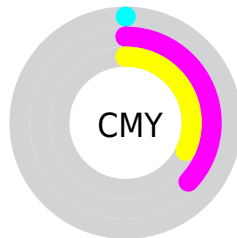
- Red (100%)
- Green (63%)
- Blue (68%)



- Red (100%)
- Yellow (63%)
- Blue (68%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.7669, 0.3914, 0.3166 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 49.7669, 0.3914, 0.3166 by changing the saturation by 10% instead.

 49.7669, 0.3914,
0.3166


 49.7669, 0.3914,
0.3166


385.7537, 0.3522,
0.3235

 35.2282, 0.4011,
0.3147


 89.8294, 0.3772,
0.3193

 23.8387, 0.4135,
0.3121


 116.1220, 0.3719,
0.3202

 15.2140, 0.4298,
0.3085


147.1014, 0.3673,
0.3210

 8.9697, 0.4523,
0.3032

183.1520, 0.3634,
0.3217

 4.7214, 0.4851,
0.2947

224.6581, 0.3601,
0.3222

 2.0848, 0.5365,
0.2797

272.0041, 0.3571,

 0.6560, 0.6874,

0.3227

0.2650

325.5745, 0.3545,
0.3231

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.7669, 0.3914,
0.3166

49.7669, 0.3914,
0.3166

40.9561, 0.4251,
0.3135

60.5430, 0.3636,
0.3201

33.9850, 0.4646,
0.3112

73.3856, 0.3411,
0.3235

28.7251, 0.5084,
0.3103

88.3974, 0.3230,
0.3269

25.0280, 0.5529,
0.3116

99.9979, 0.3127,
0.3290

■ 22.7199, 0.5921,
0.3154

■ 21.5820, 0.6204,
0.3211

■ 21.3651, 0.6268,
0.3227

Harmonies

Analogous

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



49.7669, 0.3461, 0.2811



49.7669, 0.3914, 0.3166



49.7669, 0.4138, 0.3568

Triad

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



49.7669, 0.3914, 0.3166



49.7669, 0.3246, 0.4170



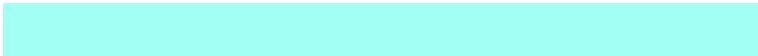
49.7669, 0.2257, 0.2579

Complementary

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



49.7669, 0.3914, 0.3166



85.5621, 0.2665, 0.3423

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.



49.7669, 0.2212, 0.2880



49.7669, 0.3914, 0.3166



49.7669, 0.2756, 0.3849

Square

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



49.7669, 0.3914, 0.3166



49.7669, 0.3726, 0.4185



49.7669, 0.2386, 0.3348



49.7669, 0.2511, 0.2479

Rectangle

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



49.7669, 0.3914, 0.3166



49.7669, 0.4119, 0.3827



49.7669, 0.2386, 0.3348



49.7669, 0.2218, 0.2657

Sweetspot

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



49.7693, 0.3914, 0.3166



81.9138, 0.3300, 0.3255



51.6719, 0.3068, 0.2346



17.0962, 0.3325, 0.3251



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.



49.7693, 0.3914, 0.3166



43.2832, 0.4149, 0.3143



63.0729, 0.3896, 0.3652



18.0248, 0.3274, 0.3260



11.1765, 0.6242, 0.3212



1.0995, 0.5994, 0.3075

Inverse Universe

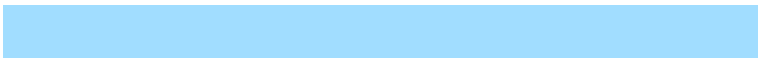
The Inverse Universe completely reimagines the original color for something new.



49.7693, 0.3914, 0.3166



43.2832, 0.4149, 0.3143



66.2632, 0.2553, 0.2893



18.0248, 0.3274, 0.3260



11.1765, 0.6242, 0.3212



1.0995, 0.5994, 0.3075

Previews

White Background



This preview shows how the Yxy color 49.7669, 0.3914, 0.3166 looks on a white background.

Color Contrast Check

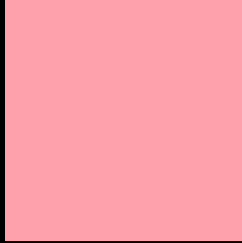
Large Text (above 18pt) WCAG AA × Fail

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 49.7669, 0.3914, 0.3166 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 49.7669, 0.3914, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 49.7669, 0.3914, 0.3166.



This preview shows how white text looks on a background with the Yxy color 49.7669, 0.3914, 0.3166.

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

49.7669, 0.3914, 0.3166

Protanopia

50.2049, 0.3160, 0.3290

Deuteranopia

49.9094, 0.3500, 0.3436



Tritanopia

49.7669, 0.3914, 0.3166

Trichromacy



Original Color

49.7669, 0.3914, 0.3166



Protanomaly

49.5143, 0.3412, 0.3243



Deuteranomaly

49.6684, 0.3655, 0.3338



Tritanomaly

49.7669, 0.3914, 0.3166

Monochromacy



Original Color

49.7669, 0.3914, 0.3166



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.9970, 0.3393, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7669, 0.3914, 0.3166 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.7669, 0.3914, 0.3166 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, 173) }
```

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

```
.border{ border-color:rgb(255, 161, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7669, 0.3914, 0.3166 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
161, 173) }
```

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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