

Converting Colors

$Y_{xy}(51.3232, 0.3746, 0.3121)$

Have a look what the booklet for
Yxy(51.3232, 0.3746, 0.3121)
contains.

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Color

Yxy(51.1961, 0.3744, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	F9A7B7
RGB	249, 167, 183
RGB Percent	98%, 65%, 72%
CMY	0.0235, 0.3451, 0.2822
CMYK	0.00, 0.33, 0.26, 0.02
HSL	348°, 87%, 82%
HSV	348°, 33%, 98%
XYZ	61.4353, 51.1961, 51.4586
YIQ	193.3420, 43.7360, 22.3600

Conversions

Conversions Part 2

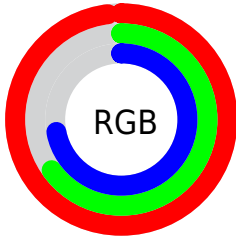
Format	Color
R _Y B	249, 167, 183
Decimal	16361399
CIE Lab	76.80, 32.32, 4.21
CIE LCh	77, 32.594, 7.420
Yxy	51.1961, 0.3744, 0.3120
Android (android.graphics.Color)	4294551479 (0xFF9A7B7)
YUV	193.3420, -5.0986, 48.8121
Hunter-Lab	71.5515, 28.0482, 7.4456

Details

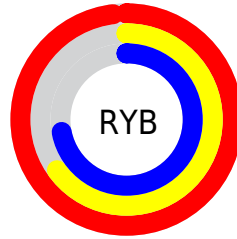
The Yxy color **51.1961, 0.3744, 0.3120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.8495, 0.2736, 0.3471**, and the grayscale version is **53.5537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2673, 0.3247, 0.3132**, and **24.7227, 0.3918, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **42.1607, 0.4030, 0.3069**, and if you desaturate by 10%, it is **62.1114, 0.3510, 0.3174**.

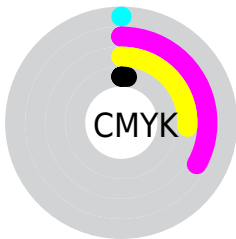
Distribution



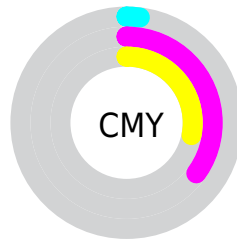
- Red (98%)
- Green (65%)
- Blue (72%)



- Red (98%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1961, 0.3744, 0.3120 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 51.1961, 0.3744, 0.3120 by changing the saturation by 10% instead.


 51.1961, 0.3744,
0.3120


 51.1961, 0.3744,
0.3120


391.3252, 0.3439,
0.3207

 36.3647, 0.3819,
0.3098

 91.9446, 0.3634,
0.3152

 24.7160, 0.3914,
0.3069


 118.6304, 0.3592,
0.3164

 15.8656, 0.4040,
0.3030


150.0366, 0.3557,
0.3174

 9.4291, 0.4213,
0.2976

186.5474, 0.3527,
0.3183

 5.0221, 0.4464,
0.2894

228.5473, 0.3501,
0.3190

 2.2602, 0.4861,
0.2758

276.4206, 0.3478,

 0.7525, 0.5700,

0.3196

0.2533

330.5518, 0.3457,
0.3202

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1961, 0.3744,
0.3120

51.1961, 0.3744,
0.3120

42.1607, 0.4030,
0.3069

62.1114, 0.3510,
0.3174

34.8918, 0.4370,
0.3025

74.9971, 0.3320,
0.3226

29.2750, 0.4759,
0.2997

89.9466, 0.3166,
0.3276

25.1794, 0.5178,
0.2994

98.8799, 0.3090,
0.3290

■ 22.4541, 0.5587,
0.3025

■ 20.9167, 0.5935,
0.3090

■ 20.3588, 0.6124,
0.3147

Harmonies

Analogous

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



51.1961, 0.3332, 0.2820



51.1961, 0.3744, 0.3120



51.1961, 0.3984, 0.3473

Triad

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



51.1961, 0.3744, 0.3120



51.1961, 0.3321, 0.4069



51.1961, 0.2341, 0.2710

Complementary

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



51.1961, 0.3744, 0.3120



81.8495, 0.2736, 0.3471

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.



51.1961, 0.2340, 0.3009



51.1961, 0.3744, 0.3120



51.1961, 0.2886, 0.3840

Square

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



51.1961, 0.3744, 0.3120



51.1961, 0.3722, 0.4042



51.1961, 0.2532, 0.3430



51.1961, 0.2533, 0.2583

Rectangle

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



51.1961, 0.3744, 0.3120



51.1961, 0.4004, 0.3704



51.1961, 0.2532, 0.3430



51.1961, 0.2319, 0.2792

Sweetspot

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



51.1985, 0.3744, 0.3120



83.5441, 0.3271, 0.3241



51.7348, 0.3032, 0.2436



17.4252, 0.3294, 0.3234



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.



51.1985, 0.3744, 0.3120



47.0571, 0.3942, 0.3083



60.4549, 0.3810, 0.3555



17.2807, 0.3263, 0.3244



10.9133, 0.6090, 0.3128



1.0249, 0.5778, 0.2956

Inverse Universe

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



51.1985, 0.3744, 0.3120



47.0571, 0.3942, 0.3083



68.5828, 0.2622, 0.3007



17.2807, 0.3263, 0.3244



10.9133, 0.6090, 0.3128



1.0249, 0.5778, 0.2956

Previews

White Background



This preview shows how the Yxy color 51.1961, 0.3744, 0.3120 looks on a white background.

Color Contrast Check

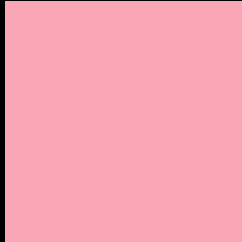
Large Text (above 18pt) WCAG AA × Fail

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 51.1961, 0.3744, 0.3120 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 51.1961, 0.3744, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 51.1961, 0.3744, 0.3120.



This preview shows how white text looks on a background with the Yxy color 51.1961, 0.3744, 0.3120.

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

51.1961, 0.3744, 0.3120

Protanopia

51.5872, 0.3099, 0.3203

Deuteranopia

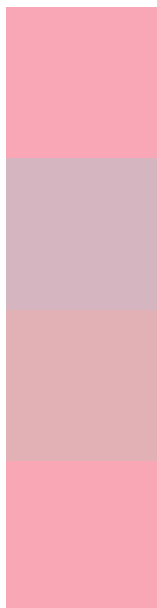
51.1593, 0.3402, 0.3327



Tritanopia

51.0725, 0.3773, 0.3152

Trichromacy



Original Color

51.1961, 0.3744, 0.3120

Protanomaly

50.9555, 0.3322, 0.3172

Deuteranomaly

50.7880, 0.3521, 0.3245

Tritanomaly

51.1134, 0.3763, 0.3142

Monochromacy



Original Color

51.1961, 0.3744, 0.3120

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1012, 0.3335, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1961, 0.3744, 0.3120 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(249, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 167, 183)  
}
```

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(249, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 167, 183) }
```

Border

The CSS property to change the border of an element to Yxy 51.1961, 0.3744, 0.3120 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(249, 167, 183) }
```

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

```
.border{ border-color:rgb(249, 167, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(249, 167,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1961, 0.3744, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 167, 183) }
```

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

```
.background{ background-color: rgb(249,  
167, 183) }
```

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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