

Converting Colors

Yxy(58.2467, 0.4046, 0.3137)

Have a look what the booklet for
Yxy(58.2467, 0.4046, 0.3137)
contains.

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Color

Yxy(52.3163, 0.3798, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7B7
RGB	255, 167, 183
RGB Percent	100%, 65%, 72%
CMY	0.0000, 0.3451, 0.2823
CMYK	0.00, 0.35, 0.28, 0.00
HSL	349°, 100%, 83%
HSV	349°, 35%, 100%
XYZ	63.6035, 52.3163, 51.5460
YIQ	195.1360, 47.3120, 23.6320

Conversions

Conversions Part 2

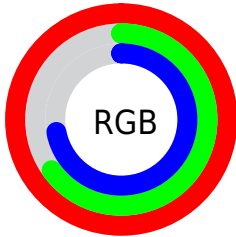
Format	Color
R _Y B	255, 167, 183
Decimal	16754615
CIE Lab	77.47, 34.45, 5.28
CIE LCh	77, 34.854, 8.713
Yxy	52.3163, 0.3798, 0.3124
Android (android.graphics.Color)	4294944695 (0xFFFFA7B7)
YUV	195.1360, -5.9830, 52.5007
Hunter-Lab	72.3300, 30.3867, 8.3780

Details

The Yxy color **52.3163, 0.3798, 0.3124** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9630, 0.2713, 0.3467**, and the grayscale version is **54.6753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2673, 0.3247, 0.3132**, and **25.3821, 0.3978, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **43.0729, 0.4099, 0.3077**, and if you desaturate by 10%, it is **63.5353, 0.3551, 0.3174**.

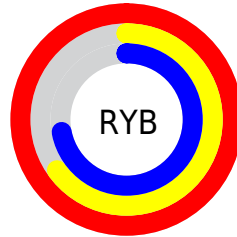
Distribution



Red (100%)

Green (65%)

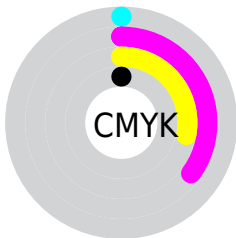
Blue (72%)



Red (100%)

Yellow (65%)

Blue (72%)

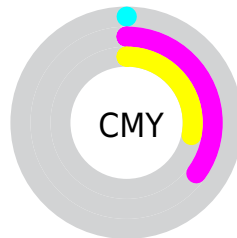


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3163, 0.3798, 0.3124 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 52.3163, 0.3798, 0.3124 by changing the saturation by 10% instead.


 52.3163, 0.3798,
0.3124


 52.3163, 0.3798,
0.3124


395.6565, 0.3467,
0.3210

 37.2573, 0.3879,
0.3102


 93.5975, 0.3679,
0.3156

 25.4067, 0.3982,
0.3073


 120.5885, 0.3634,
0.3167

 16.3803, 0.4117,
0.3035


152.3256, 0.3596,
0.3177

 9.7937, 0.4302,
0.2980

189.1932, 0.3563,
0.3186

 5.2624, 0.4569,
0.2897

231.5757, 0.3534,
0.3193

 2.4020, 0.4987,
0.2760

279.8575, 0.3509,

 0.8269, 0.5827,

0.3199

0.2541

334.4230, 0.3487,
0.3205

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3163, 0.3798,
0.3124

52.3163, 0.3798,
0.3124

43.0729, 0.4099,
0.3077

63.5353, 0.3551,
0.3174

35.6833, 0.4455,
0.3039

76.8275, 0.3351,
0.3223

30.0236, 0.4858,
0.3017

92.2933, 0.3189,
0.3270

25.9519, 0.5285,
0.3021

99.9983, 0.3127,
0.3290

■ 23.3033, 0.5691,
0.3057

■ 21.8764, 0.6021,
0.3125

■ 21.4583, 0.6160,
0.3167

Harmonies

Analogous

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



52.3163, 0.3364, 0.2805



52.3163, 0.3798, 0.3124



52.3163, 0.4042, 0.3496

Triad

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



52.3163, 0.3798, 0.3124



52.3163, 0.3311, 0.4116



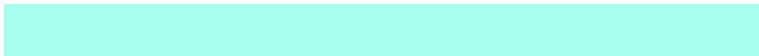
52.3163, 0.2302, 0.2665

Complementary

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



52.3163, 0.3798, 0.3124



85.9630, 0.2713, 0.3467

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.



52.3163, 0.2291, 0.2973



52.3163, 0.3798, 0.3124



52.3163, 0.2851, 0.3860

Square

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



52.3163, 0.3798, 0.3124



52.3163, 0.3740, 0.4094



52.3163, 0.2484, 0.3417



52.3163, 0.2511, 0.2541

Rectangle

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



52.3163, 0.3798, 0.3124



52.3163, 0.4055, 0.3739



52.3163, 0.2484, 0.3417



52.3163, 0.2275, 0.2748

Sweetspot

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



52.3188, 0.3798, 0.3124



83.5240, 0.3274, 0.3245



53.1876, 0.3038, 0.2397



17.4204, 0.3297, 0.3238



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.



52.3188, 0.3798, 0.3124



46.0982, 0.3987, 0.3093



63.0214, 0.3849, 0.3583



18.0410, 0.3266, 0.3247



11.2287, 0.6126, 0.3148



1.1072, 0.5837, 0.2989

Inverse Universe

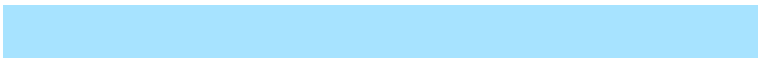
The Inverse Universe completely reimagines the original color for something new.



52.3188, 0.3798, 0.3124



46.0982, 0.3987, 0.3093



70.4459, 0.2596, 0.2974



18.0410, 0.3266, 0.3247



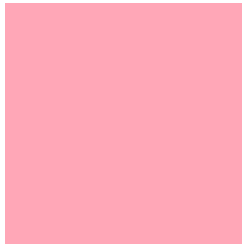
11.2287, 0.6126, 0.3148



1.1072, 0.5837, 0.2989

Previews

White Background



This preview shows how the Yxy color 52.3163, 0.3798, 0.3124 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 52.3163, 0.3798, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

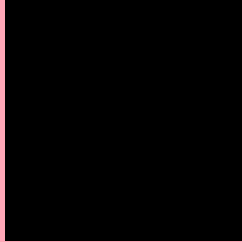
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3163, 0.3798, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 52.3163, 0.3798, 0.3124.



This preview shows how white text looks on a background with the Yxy color 52.3163, 0.3798, 0.3124.

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

52.3163, 0.3798, 0.3124

Protanopia

52.7165, 0.3114, 0.3229

Deuteranopia

52.4403, 0.3425, 0.3350



Tritanopia

52.1927, 0.3827, 0.3155

Trichromacy



Original Color

52.3163, 0.3798, 0.3124



Protanomaly

51.8164, 0.3347, 0.3185



Deuteranomaly

52.0000, 0.3564, 0.3257



Tritanomaly

52.2336, 0.3817, 0.3145

Monochromacy



Original Color

52.3163, 0.3798, 0.3124



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.2112, 0.3351, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3163, 0.3798, 0.3124 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, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.3163, 0.3798, 0.3124 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, 167, 183) }
```

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

```
.border{ border-color:rgb(255, 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(255, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3163, 0.3798, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 183) }
```

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

```
.background{ background-color: rgb(255,  
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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