

Converting Colors

$Yxy(71.8725, 0.4616, 0.3273)$

Have a look what the booklet for
Yxy(71.8725, 0.4616, 0.3273)
contains.

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Color

Yxy(51.7997, 0.3923, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7AA
RGB	255, 167, 170
RGB Percent	100%, 65%, 67%
CMY	0.0000, 0.3451, 0.3334
CMYK	0.00, 0.35, 0.33, 0.00
HSL	358°, 100%, 83%
HSV	358°, 35%, 100%
XYZ	62.3153, 51.7997, 44.7311
YIQ	193.6540, 51.4850, 19.5890

Conversions

Conversions Part 2

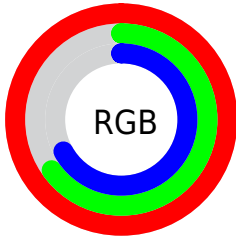
Format	Color
R _Y B	255, 167, 170
Decimal	16754602
CIE Lab	77.16, 32.81, 11.94
CIE LCh	77, 34.917, 20.004
Yxy	51.7997, 0.3923, 0.3261
Android (android.graphics.Color)	4294944682 (0xFFFFA7AA)
YUV	193.6540, -11.6614, 53.8004
Hunter-Lab	71.9720, 28.5991, 13.5313

Details

The Yxy color **51.7997, 0.3923, 0.3261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.7660, 0.2652, 0.3321**, and the grayscale version is **53.7797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4716, 0.3343, 0.3271**, and **25.0784, 0.4140, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **42.5134, 0.4284, 0.3254**, and if you desaturate by 10%, it is **63.1036, 0.3627, 0.3270**.

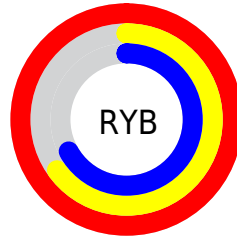
Distribution



Red (100%)

Green (65%)

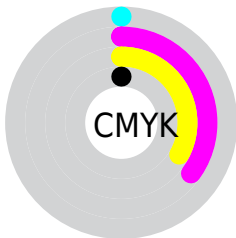
Blue (67%)



Red (100%)

Yellow (65%)

Blue (67%)

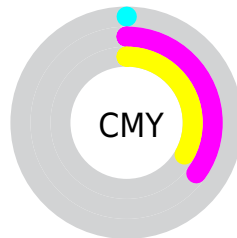


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7997, 0.3923, 0.3261 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 51.7997, 0.3923, 0.3261 by changing the saturation by 10% instead.


 51.7997, 0.3923,
0.3261

 51.7997, 0.3923,
0.3261

393.6629, 0.3528,
0.3285

 36.8454, 0.4020,
0.3252


 92.8358, 0.3781,
0.3272

 25.0878, 0.4143,
0.3239


 119.6864, 0.3727,
0.3275

 16.1425, 0.4306,
0.3220


151.2712, 0.3681,
0.3278

 9.6251, 0.4528,
0.3189

187.9747, 0.3642,
0.3280

 5.1511, 0.4848,
0.3133

230.1812, 0.3608,
0.3282

 2.3362, 0.5344,
0.3025

278.2751, 0.3578,

 0.7928, 0.6837,

0.3283

0.3055

332.6409, 0.3552,
0.3284

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7997, 0.3923,
0.3261

51.7997, 0.3923,
0.3261

42.5134, 0.4284,
0.3254

63.1036, 0.3627,
0.3270

35.1247, 0.4709,
0.3248

76.5326, 0.3390,
0.3278

29.5032, 0.5179,
0.3247

92.1883, 0.3200,
0.3286

25.5014, 0.5648,
0.3253

100.0000, 0.3127,
0.3290

■ 22.9478, 0.6045,
0.3265

■ 21.6326, 0.6301,
0.3281

■ 21.2789, 0.6377,
0.3287

Harmonies

Analogous

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



51.7997, 0.3543, 0.2913



51.7997, 0.3923, 0.3261



51.7997, 0.4070, 0.3637

Triad

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



51.7997, 0.3923, 0.3261



51.7997, 0.3134, 0.4055



51.7997, 0.2355, 0.2593

Complementary

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



51.7997, 0.3923, 0.3261



86.7660, 0.2652, 0.3321

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.



51.7997, 0.2267, 0.2834



51.7997, 0.3923, 0.3261



51.7997, 0.2694, 0.3708

Square

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



51.7997, 0.3923, 0.3261



51.7997, 0.3592, 0.4138



51.7997, 0.2385, 0.3240



51.7997, 0.2634, 0.2538

Rectangle

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



51.7997, 0.3923, 0.3261



51.7997, 0.4013, 0.3866



51.7997, 0.2385, 0.3240



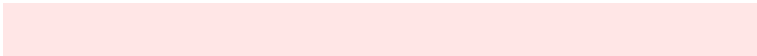
51.7997, 0.2303, 0.2653

Sweetspot

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



51.8002, 0.3923, 0.3261



83.3092, 0.3299, 0.3282



55.2939, 0.3132, 0.2422



17.3689, 0.3326, 0.3281



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.



51.8002, 0.3923, 0.3261



45.5490, 0.4150, 0.3256



68.4833, 0.3807, 0.3702



17.9970, 0.3289, 0.3282



11.1230, 0.6367, 0.3281



1.0863, 0.6286, 0.3236

Inverse Universe

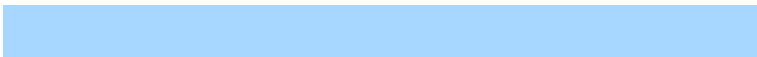
The Inverse Universe completely reimagines the original color for something new.



51.8002, 0.3923, 0.3261



45.5490, 0.4150, 0.3256



64.2416, 0.2577, 0.2836



17.9970, 0.3289, 0.3282



11.1230, 0.6367, 0.3281



1.0863, 0.6286, 0.3236

Previews

White Background



This preview shows how the Yxy color 51.7997, 0.3923, 0.3261 looks on a white background.

Color Contrast Check

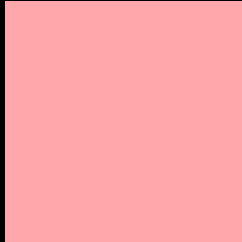
Large Text (above 18pt) WCAG AA × Fail

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 51.7997, 0.3923, 0.3261 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 51.7997, 0.3923, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 51.7997, 0.3923, 0.3261.



This preview shows how white text looks on a background with the Yxy color 51.7997, 0.3923, 0.3261.

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

51.7997, 0.3923, 0.3261

Protanopia

51.9401, 0.3238, 0.3390

Deuteranopia

51.9764, 0.3564, 0.3493



Tritanopia

51.7468, 0.3849, 0.3166

Trichromacy



Original Color

51.7997, 0.3923, 0.3261



Protanomaly

51.4220, 0.3465, 0.3338



Deuteranomaly

51.6569, 0.3689, 0.3406



Tritanomaly

51.6276, 0.3878, 0.3197

Monochromacy



Original Color

51.7997, 0.3923, 0.3261



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.3827, 0.3394, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7997, 0.3923, 0.3261 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 170) }
```

Border

The CSS property to change the border of an element to Yxy 51.7997, 0.3923, 0.3261 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, 170) }
```

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

```
.border{ border-color:rgb(255, 167, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7997, 0.3923, 0.3261 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
167, 170) }
```

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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