

Converting Colors

$Yxy(39.6610, 0.3755, 0.3121)$

Have a look what the booklet for
Yxy(39.6610, 0.3755, 0.3121)
contains.

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Color

Yxy(39.5121, 0.3753, 0.3113)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DF94A3 |
| RGB | 223, 148, 163 |
| RGB Percent | 87%, 58%, 64% |
| CMY | 0.1255, 0.4196, 0.3607 |
| CMYK | 0.00, 0.34, 0.27, 0.13 |
| HSL | 348°, 54%, 73% |
| HSV | 348°, 34%, 87% |
| XYZ | 47.6354, 39.5121, 39.7786 |
| YIQ | 172.1350, 39.8850, 20.5650 |

Conversions

Conversions Part 2

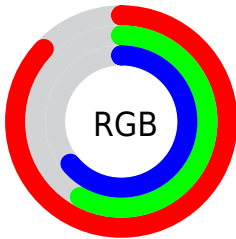
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 148, 163 |
| Decimal | 14652579 |
| CIE Lab | 69.12, 30.26, 3.78 |
| CIE LCh | 69, 30.498, 7.129 |
| Yxy | 39.5121, 0.3753, 0.3113 |
| Android (android.graphics.Color) | 4292842659 (0xFFDF94A3) |
| YUV | 172.1350, -4.5036, 44.6086 |
| Hunter-Lab | 62.8587, 25.2677, 6.4807 |

Details

The Yxy color **39.5121, 0.3753, 0.3113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.6275, 0.2733, 0.3478**, and the grayscale version is **41.3366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0338, 0.3421, 0.3138**, and **17.6204, 0.3952, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **32.5842, 0.4037, 0.3061**, and if you desaturate by 10%, it is **47.8816, 0.3519, 0.3168**.

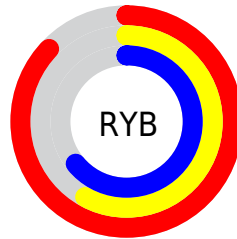
Distribution



Red (87%)

Green (58%)

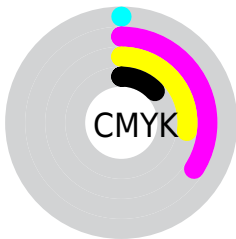
Blue (64%)



Red (87%)

Yellow (58%)

Blue (64%)

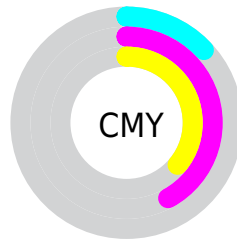


Cyan (0%)

Magenta (34%)

Yellow (27%)

Black (13%)



Cyan (13%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5121, 0.3753, 0.3113 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 39.5121, 0.3753, 0.3113 by changing the saturation by 10% instead.

 39.5121, 0.3753,
0.3113


 39.5121, 0.3753,
0.3113

344.0628, 0.3430,
0.3207

 27.1583, 0.3837,
0.3088


 74.4200, 0.3633,
0.3149

 17.6922, 0.3946,
0.3054

 97.7429, 0.3589,
0.3162

 10.7292, 0.4095,
0.3007


125.4910, 0.3552,
0.3172

 5.8851, 0.4309,
0.2937

158.0486, 0.3520,
0.3182

 2.7753, 0.4640,
0.2826

195.8003, 0.3493,
0.3189

 1.0156, 0.5221,
0.2623

239.1302, 0.3469,


 0.0000, 1.0000,


0.3196


0.0000


288.4230, 0.3449,
0.3202


 0.0000, 0.0000,
0.0000


 39.5121, 0.3753,
0.3113


 39.5121, 0.3753,
0.3113


 32.5842, 0.4037,
0.3061


 47.8816, 0.3519,
0.3168


 27.0107, 0.4375,
0.3017

 57.7619, 0.3329,
0.3222


 22.7039, 0.4761,
0.2989

 69.2248, 0.3175,
0.3272

 19.5635, 0.5175,
0.2986

 82.3355, 0.3051,
0.3320

 17.4735, 0.5580,
0.3017

 94.2493, 0.2950,
0.3318

■ 16.2941, 0.5925,
0.3084

■ 94.4289, 0.2935,
0.3289

■ 15.8759, 0.6099,
0.3134

Harmonies

Analogous

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



39.5121, 0.3331, 0.2809



39.5121, 0.3753, 0.3113



39.5121, 0.4000, 0.3472

Triad

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



39.5121, 0.3753, 0.3113



39.5121, 0.3329, 0.4087



39.5121, 0.2326, 0.2701

Complementary

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



39.5121, 0.3753, 0.3113



63.6275, 0.2733, 0.3478

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.



39.5121, 0.2326, 0.3007



39.5121, 0.3753, 0.3113



39.5121, 0.2885, 0.3855

Square

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



39.5121, 0.3753, 0.3113



39.5121, 0.3736, 0.4055



39.5121, 0.2523, 0.3437



39.5121, 0.2519, 0.2570

Rectangle

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



39.5121, 0.3753, 0.3113



39.5121, 0.4022, 0.3707



39.5121, 0.2523, 0.3437



39.5121, 0.2304, 0.2784

Sweetspot

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



39.5140, 0.3753, 0.3113



83.5513, 0.3270, 0.3240



39.7378, 0.3019, 0.2420



17.4270, 0.3293, 0.3233



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.



39.5140, 0.3753, 0.3113



47.0765, 0.3937, 0.3078



46.2966, 0.3829, 0.3544



13.7452, 0.3261, 0.3243



9.3471, 0.6066, 0.3115



0.6606, 0.5643, 0.2882

Inverse Universe

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



39.5140, 0.3753, 0.3113



47.0765, 0.3937, 0.3078



53.7497, 0.2617, 0.3018



13.7452, 0.3261, 0.3243



9.3471, 0.6066, 0.3115



0.6606, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 39.5121, 0.3753, 0.3113 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 39.5121, 0.3753, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

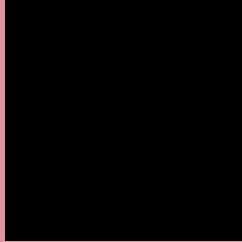
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5121, 0.3753, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 39.5121, 0.3753, 0.3113.



This preview shows how white text looks on a background with the Yxy color 39.5121, 0.3753, 0.3113.

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

39.5121, 0.3753, 0.3113

Protanopia

39.7583, 0.3095, 0.3194

Deuteranopia

39.5513, 0.3405, 0.3331



Tritanopia

39.7209, 0.3782, 0.3161

Trichromacy



Original Color

39.5121, 0.3753, 0.3113

Protanomaly

39.3772, 0.3316, 0.3159

Deuteranomaly

39.4444, 0.3525, 0.3253

Tritanomaly

39.7561, 0.3771, 0.3149

Monochromacy



Original Color

39.5121, 0.3753, 0.3113

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1353, 0.3341, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5121, 0.3753, 0.3113 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(223, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(223, 148, 163)  
}
```

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(223, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 148, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.5121, 0.3753, 0.3113 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(223, 148, 163) }
```

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

```
.border{ border-color:rgb(223, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(223, 148,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5121, 0.3753, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 148, 163) }
```

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

```
.background{ background-color: rgb(223,  
148, 163) }
```

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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