

Converting Colors

$Y_{xy}(33.7921, 0.3124, 0.2942)$

Have a look what the booklet for
Yxy(33.7921, 0.3124, 0.2942)
contains.

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Color

Yxy(33.7921, 0.3124, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	AD96AF
RGB	173, 150, 175
RGB Percent	68%, 59%, 69%
CMY	0.3214, 0.4118, 0.3137
CMYK	0.01, 0.14, 0.00, 0.31
HSL	295°, 14%, 64%
HSV	295°, 14%, 69%
XYZ	35.8826, 33.7921, 45.1863
YIQ	159.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

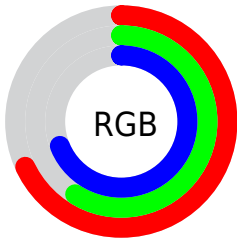
Format	Color
RYB	173, 150, 175
Decimal	11376303
CIELab	64.80, 13.11, -9.88
CIELCh	65, 16.410, 323.003
Yxy	33.7921, 0.3124, 0.2942
Android (android.graphics.Color)	4289566383 (0xFFAD96AF)
YUV	159.7270, 7.5296, 11.6404
Hunter-Lab	58.1310, 8.4537, -5.3956

Details

The Yxy color **33.7921, 0.3124, 0.2942** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.5315, 0.3127, 0.3660**, and the grayscale version is **34.9865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6133, 0.3126, 0.3001**, and **14.4187, 0.3121, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **28.4638, 0.3119, 0.2691**, and if you desaturate by 10%, it is **39.9589, 0.3127, 0.3188**.

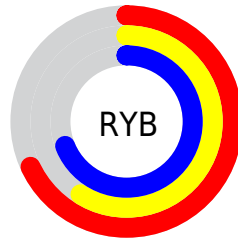
Distribution



Red (68%)

Green (59%)

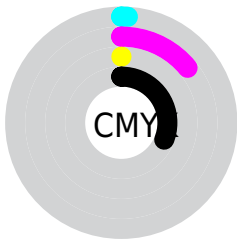
Blue (69%)



Red (68%)

Yellow (59%)

Blue (69%)



Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (31%)



Cyan (32%)


Magenta (41%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7921, 0.3124, 0.2942 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 33.7921, 0.3124, 0.2942 by changing the saturation by 10% instead.

 33.7921, 0.3124,
0.2942


 33.7921, 0.3124,
0.2942


319.2040, 0.3128,
0.3121

 22.7339, 0.3122,
0.2896


 65.6102, 0.3126,
0.3008

 14.3972, 0.3120,
0.2835


 87.1390, 0.3126,
0.3033

 8.3974, 0.3116,
0.2753


112.9267, 0.3127,
0.3053

 4.3503, 0.3108,
0.2636

143.3579, 0.3127,
0.3071

 1.8714, 0.3092,
0.2453

178.8168, 0.3127,
0.3086

 0.5311, 0.3103,
0.1998

219.6878, 0.3127,

 0.0000, 0.0000,

0.3099

0.0000

266.3555, 0.3127,
0.3111

■ 33.7921, 0.3124,
0.2942

■ 33.7921, 0.3124,
0.2942

■ 28.4638, 0.3119,
0.2691

■ 39.9589, 0.3127,
0.3188

■ 23.9329, 0.3113,
0.2442

■ 46.9945, 0.3128,
0.3423

■ 20.1611, 0.3104,
0.2203

■ 54.9329, 0.3127,
0.3644

■ 17.1055, 0.3092,
0.1984

■ 63.8050, 0.3126,
0.3849

■ 14.7187, 0.3078,
0.1794

■ 73.6403, 0.3124,
0.4038

■ 12.9478, 0.3061,
0.1642

■ 84.4669, 0.3121,
0.4210

■ 11.7319, 0.3044,
0.1531

■ 84.6398, 0.3129,
0.4208

■ 10.9973, 0.3025,
0.1462

■ 84.8088, 0.3137,
0.4205

■ 10.6983, 0.3013,
0.1434

■ 84.9794, 0.3146,
0.4203

Harmonies

Analogous

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



33.7921, 0.2879, 0.2868



33.7921, 0.3124, 0.2942



33.7921, 0.3379, 0.3099

Triad

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



33.7921, 0.3124, 0.2942



33.7921, 0.3559, 0.3681



33.7921, 0.2703, 0.3249

Complementary

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



33.7921, 0.3124, 0.2942



39.5315, 0.3127, 0.3660

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.



33.7921, 0.2873, 0.3489



33.7921, 0.3124, 0.2942



33.7921, 0.3366, 0.3744

Square

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



33.7921, 0.3124, 0.2942



33.7921, 0.3636, 0.3517



33.7921, 0.3114, 0.3676



33.7921, 0.2644, 0.3032

Rectangle

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



33.7921, 0.3124, 0.2942



33.7921, 0.3517, 0.3234



33.7921, 0.3114, 0.3676



33.7921, 0.2749, 0.3330

Sweetspot

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



33.7936, 0.3124, 0.2942



71.8268, 0.3127, 0.3193



32.0599, 0.2903, 0.2950



15.7695, 0.3126, 0.3175



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7936, 0.3124, 0.2942



57.5019, 0.3123, 0.2867



33.6254, 0.3242, 0.3085



8.1156, 0.3126, 0.3066



7.6740, 0.3016, 0.1435



0.2227, 0.3078, 0.1469

Inverse Universe

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



33.1897, 0.3367, 0.3263



56.2260, 0.3427, 0.3257



39.6944, 0.3027, 0.3504



8.0252, 0.3274, 0.3273



6.5529, 0.6295, 0.3242



0.1855, 0.5877, 0.3011

Previews

White Background



This preview shows how the Yxy color 33.7921, 0.3124, 0.2942 looks on a white background.

Color Contrast Check

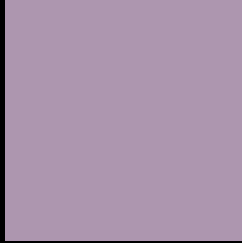
Large Text (above 18pt) WCAG AA × Fail

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 33.7921, 0.3124, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

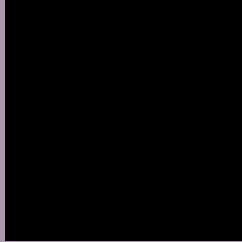
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7921, 0.3124, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 33.7921, 0.3124, 0.2942.



This preview shows how white text looks on a background with the Yxy color 33.7921, 0.3124, 0.2942.

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

33.7921, 0.3124, 0.2942

Protanopia

33.9016, 0.2908, 0.2956

Deuteranopia

33.8378, 0.3054, 0.2991



Tritanopia

33.7947, 0.3205, 0.3120

Trichromacy



Original Color

33.7921, 0.3124, 0.2942

Protanomaly

33.9026, 0.2980, 0.2947

Deuteranomaly

33.8373, 0.3083, 0.2979

Tritanomaly

33.7310, 0.3178, 0.3050

Monochromacy



Original Color

33.7921, 0.3124, 0.2942

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4929, 0.3133, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7921, 0.3124, 0.2942 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(173, 150, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 150, 175)  
}
```

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(173, 150, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 150, 175) }
```

Border

The CSS property to change the border of an element to Yxy 33.7921, 0.3124, 0.2942 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(173, 150, 175) }
```

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

```
.border{ border-color:rgb(173, 150, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 150, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 150, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 150, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 150,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7921, 0.3124, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 150, 175) }
```

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

```
.background{ background-color: rgb(173,  
150, 175) }
```

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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