

Converting Colors

$Y_{xy}(43.8758, 0.2906, 0.3211)$

Have a look what the booklet for
Yxy(43.8758, 0.2906, 0.3211)
contains.

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Color

Yxy(43.9638, 0.2907, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	9FB5BA
RGB	159, 181, 186
RGB Percent	62%, 71%, 73%
CMY	0.3766, 0.2901, 0.2706
CMYK	0.15, 0.03, 0.00, 0.27
HSL	191°, 16%, 68%
HSV	191°, 15%, 73%
XYZ	39.6780, 43.9638, 52.8494
YIQ	174.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

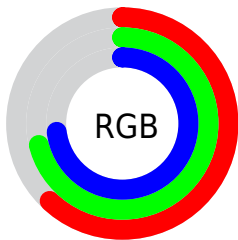
Format	Color
RYB	159, 171, 186
Decimal	10466746
CIELab	72.20, -6.50, -5.10
CIELCh	72, 8.266, 218.103
Yxy	43.9638, 0.2907, 0.3221
Android (android.graphics.Color)	4288656826 (0xFF9FB5BA)
YUV	174.9920, 5.4269, -14.0250
Hunter-Lab	66.3052, -9.2172, -0.8442

Details

The Yxy color **43.9638, 0.2907, 0.3221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4708, 0.3383, 0.3358**, and the grayscale version is **42.8396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2753, 0.2949, 0.3237**, and **20.2576, 0.2841, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **40.8280, 0.2761, 0.3168**, and if you desaturate by 10%, it is **47.4237, 0.3058, 0.3269**.

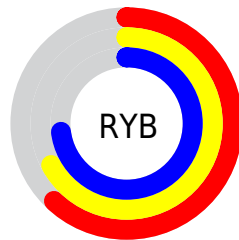
Distribution



Red (62%)

Green (71%)

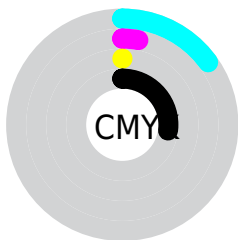
Blue (73%)



Red (62%)

Yellow (67%)

Blue (73%)

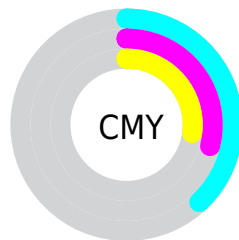


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (38%)


Magenta (29%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9638, 0.2907, 0.3221 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 43.9638, 0.2907, 0.3221 by changing the saturation by 10% instead.


 43.9638, 0.2907,
0.3221


 43.9638, 0.2907,
0.3221

362.5605, 0.3018,
0.3257

 30.6421, 0.2879,
0.3212


 81.1633, 0.2947,
0.3234

 20.3264, 0.2844,
0.3199


 105.8098, 0.2962,
0.3239

 12.6326, 0.2796,
0.3183


135.0000, 0.2975,
0.3243

 7.1760, 0.2729,
0.3159

169.1183, 0.2986,
0.3247

 3.5724, 0.2629,
0.3121

208.5491, 0.2995,
0.3250

 1.4374, 0.2461,
0.3054

253.6769, 0.3004,

 0.2440, 0.0779,

0.3252

0.2597

304.8859, 0.3011,
0.3255

0.0000, 0.0000,
0.0000

43.9638, 0.2907,
0.3221

43.9638, 0.2907,
0.3221

40.8280, 0.2761,
0.3168

47.4237, 0.3058,
0.3269

37.9979, 0.2622,
0.3111

51.2143, 0.3211,
0.3313

35.4612, 0.2494,
0.3051

55.3491, 0.3363,
0.3353

33.2029, 0.2380,
0.2988

59.8390, 0.3513,
0.3388

31.2063, 0.2282,
0.2923

64.6943, 0.3658,
0.3419

■ 29.4528, 0.2202,
0.2857

■ 66.8542, 0.3674,
0.3453

■ 27.9209, 0.2141,
0.2790

■ 68.4771, 0.3665,
0.3488

■ 26.5845, 0.2099,
0.2725

■ 70.1359, 0.3656,
0.3523

■ 25.9080, 0.2080,
0.2689

■ 71.8310, 0.3646,
0.3558

Harmonies

Analogous

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



43.9638, 0.2964, 0.3328



43.9638, 0.2907, 0.3221



43.9638, 0.2908, 0.3135

Triad

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



43.9638, 0.2907, 0.3221



43.9638, 0.3188, 0.3159



43.9638, 0.3288, 0.3492

Complementary

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



43.9638, 0.2907, 0.3221



39.4708, 0.3383, 0.3358

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.



43.9638, 0.3351, 0.3441



43.9638, 0.2907, 0.3221



43.9638, 0.3293, 0.3250

Square

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



43.9638, 0.2907, 0.3221



43.9638, 0.3069, 0.3102



43.9638, 0.3353, 0.3352



43.9638, 0.3183, 0.3487

Rectangle

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



43.9638, 0.2907, 0.3221



43.9638, 0.2941, 0.3101



43.9638, 0.3353, 0.3352



43.9638, 0.3315, 0.3480

Sweetspot

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



43.9656, 0.2907, 0.3221



86.2690, 0.3065, 0.3272



45.1621, 0.3072, 0.3599



18.8882, 0.3054, 0.3268



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.9656, 0.2907, 0.3221



78.0735, 0.2866, 0.3207



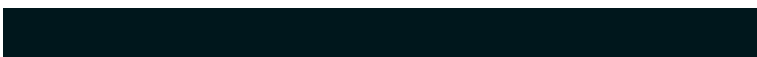
38.7398, 0.2901, 0.3032



9.9215, 0.2985, 0.3247



17.5311, 0.2083, 0.2697



0.6921, 0.2130, 0.2866

Inverse Universe

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



38.5569, 0.3188, 0.2999



66.7047, 0.3201, 0.2943



44.5582, 0.3358, 0.3536



9.1336, 0.3165, 0.3106



8.5521, 0.3731, 0.1829



0.3090, 0.3574, 0.1742

Previews

White Background



This preview shows how the Yxy color 43.9638, 0.2907, 0.3221 looks on a white background.

Color Contrast Check

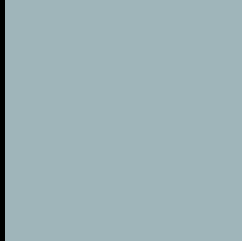
Large Text (above 18pt) WCAG AA × Fail

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 43.9638, 0.2907, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

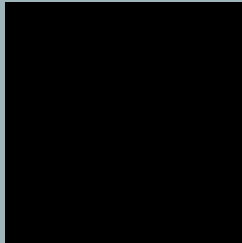
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

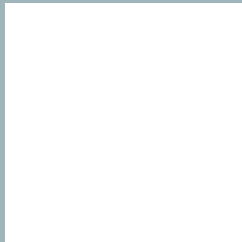
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9638, 0.2907, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 43.9638, 0.2907, 0.3221.



This preview shows how white text looks on a background with the Yxy color 43.9638, 0.2907, 0.3221.

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

43.9638, 0.2907, 0.3221

Protanopia

43.9345, 0.3088, 0.3197

Deuteranopia

43.9547, 0.3146, 0.3085



Tritanopia

44.0111, 0.2857, 0.3100

Trichromacy



Original Color

43.9638, 0.2907, 0.3221

Protanomaly

43.9594, 0.3020, 0.3209

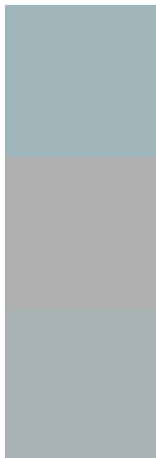
Deuteranomaly

43.7128, 0.3056, 0.3132

Tritanomaly

43.8777, 0.2878, 0.3140

Monochromacy



Original Color

43.9638, 0.2907, 0.3221

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1340, 0.3042, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9638, 0.2907, 0.3221 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(159, 181, 186)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 186)  
}
```

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(159, 181, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.9638, 0.2907, 0.3221 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(159, 181, 186) }
```

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

```
.border{ border-color:rgb(159, 181, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 181, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 186);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9638, 0.2907, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 186) }
```

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

```
.background{ background-color: rgb(159,  
181, 186) }
```

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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