

Converting Colors

$Yxy(43.5968, 0.2888, 0.3211)$

Have a look what the booklet for
Yxy(43.5968, 0.2888, 0.3211)
contains.

Yxy(43.7610, 0.2892, 0.3221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.7610, 0.2892, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	9DB5BA
RGB	157, 181, 186
RGB Percent	62%, 71%, 73%
CMY	0.3842, 0.2902, 0.2707
CMYK	0.16, 0.03, 0.00, 0.27
HSL	190°, 17%, 67%
HSV	190°, 16%, 73%
XYZ	39.2912, 43.7610, 52.8094
YIQ	174.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

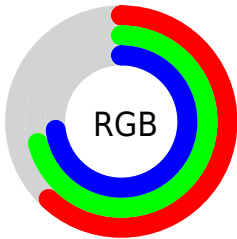
Format	Color
R _Y B	157, 170, 186
Decimal	10335674
CIE Lab	72.07, -7.14, -5.30
CIE LCh	72, 8.887, 216.572
Yxy	43.7610, 0.2892, 0.3221
Android (android.graphics.Color)	4288525754 (0xFF9DB5BA)
YUV	174.3940, 5.7218, -15.2545
Hunter-Lab	66.1521, -9.7458, -1.0249

Details

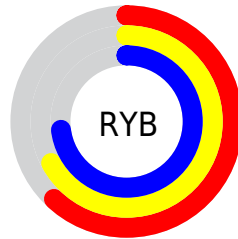
The Yxy color **43.7610, 0.2892, 0.3221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7043, 0.3405, 0.3358**, and the grayscale version is **42.5184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9762, 0.2936, 0.3236**, and **20.1351, 0.2820, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **40.7505, 0.2747, 0.3172**, and if you desaturate by 10%, it is **47.0895, 0.3042, 0.3266**.

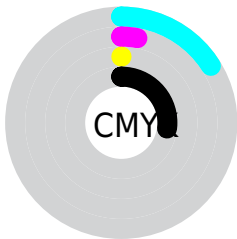
Distribution



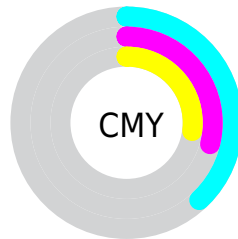
- Red (62%)
- Green (71%)
- Blue (73%)



- Red (62%)
- Yellow (67%)
- Blue (73%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (38%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7610, 0.2892, 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 43.7610, 0.2892, 0.3221 by changing the saturation by 10% instead.


 43.7610, 0.2892,
0.3221

 43.7610, 0.2892,
0.3221

361.7321, 0.3010,
0.3257

 30.4827, 0.2862,
0.3212


 80.8580, 0.2935,
0.3234

 20.2052, 0.2824,
0.3199

 105.4454, 0.2951,
0.3239

 12.5443, 0.2773,
0.3182


134.5713, 0.2965,
0.3243

 7.1155, 0.2702,
0.3158

168.6202, 0.2976,
0.3247

 3.5345, 0.2594,
0.3119

207.9762, 0.2987,
0.3250

 1.4167, 0.2415,
0.3050

253.0240, 0.2995,

 0.2290, 0.0487,

0.3253

0.2567

304.1478, 0.3003,
0.3255

0.0000, 0.0000,
0.0000

43.7610, 0.2892,
0.3221

43.7610, 0.2892,
0.3221

40.7505, 0.2747,
0.3172

47.0895, 0.3042,
0.3266

38.0396, 0.2610,
0.3119

50.7427, 0.3195,
0.3308

35.6160, 0.2485,
0.3062

54.7341, 0.3348,
0.3345

33.4645, 0.2374,
0.3004

59.0744, 0.3499,
0.3378

31.5684, 0.2279,
0.2943

63.7742, 0.3646,
0.3407

■ 29.9088, 0.2203,
0.2882

■ 66.1720, 0.3678,
0.3439

■ 28.4640, 0.2146,
0.2821

■ 67.6652, 0.3670,
0.3471

■ 27.2067, 0.2107,
0.2760

■ 69.1895, 0.3661,
0.3504

■ 26.6835, 0.2093,
0.2733

■ 70.7449, 0.3653,
0.3536

Harmonies

Analogous

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



43.7610, 0.2956, 0.3337



43.7610, 0.2892, 0.3221



43.7610, 0.2890, 0.3127

Triad

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



43.7610, 0.2892, 0.3221



43.7610, 0.3186, 0.3145



43.7610, 0.3305, 0.3506

Complementary

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



43.7610, 0.2892, 0.3221



38.7043, 0.3405, 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.



43.7610, 0.3370, 0.3448



43.7610, 0.2892, 0.3221



43.7610, 0.3300, 0.3241

Square

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



43.7610, 0.2892, 0.3221



43.7610, 0.3058, 0.3086



43.7610, 0.3368, 0.3351



43.7610, 0.3193, 0.3504

Rectangle

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



43.7610, 0.2892, 0.3221



43.7610, 0.2923, 0.3089



43.7610, 0.3368, 0.3351



43.7610, 0.3333, 0.3492

Sweetspot

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



43.7628, 0.2892, 0.3221



85.6941, 0.3050, 0.3269



44.8760, 0.3071, 0.3630



18.7728, 0.3039, 0.3266



95.5105, 0.3127, 0.3290



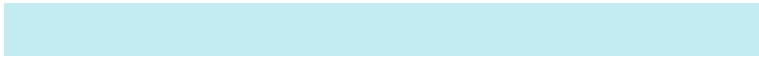
19.5994, 0.3127, 0.3290

Same Dimension

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



43.7628, 0.2892, 0.3221



77.2424, 0.2837, 0.3203



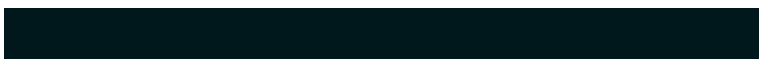
38.2303, 0.2884, 0.3019



9.9416, 0.2985, 0.3250



18.0557, 0.2095, 0.2741



0.7065, 0.2138, 0.2897

Inverse Universe

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



37.8923, 0.3190, 0.2974



64.4631, 0.3207, 0.2895



44.0446, 0.3376, 0.3547



9.1356, 0.3163, 0.3103



8.6051, 0.3689, 0.1806



0.3104, 0.3546, 0.1727

Previews

White Background



This preview shows how the Yxy color 43.7610, 0.2892, 0.3221 looks on a white background.

Color Contrast Check

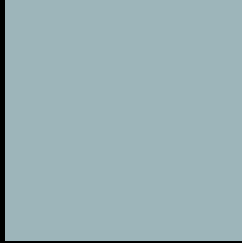
Large Text (above 18pt) WCAG AA × Fail

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 43.7610, 0.2892, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

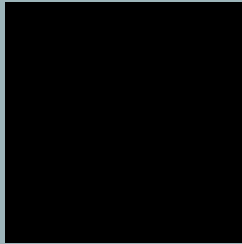
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

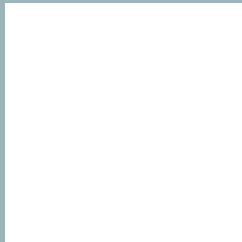
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7610, 0.2892, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 43.7610, 0.2892, 0.3221.



This preview shows how white text looks on a background with the Yxy color 43.7610, 0.2892, 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

43.7610, 0.2892, 0.3221

Protanopia

43.5438, 0.3088, 0.3184

Deuteranopia

43.4480, 0.3137, 0.3072



Tritanopia

43.9085, 0.2849, 0.3100

Trichromacy



Original Color

43.7610, 0.2892, 0.3221

Protanomaly

43.4510, 0.3012, 0.3195

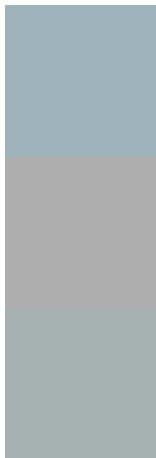
Deuteranomaly

43.5949, 0.3048, 0.3131

Tritanomaly

43.6732, 0.2863, 0.3139

Monochromacy



Original Color

43.7610, 0.2892, 0.3221

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9835, 0.3042, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7610, 0.2892, 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(157, 181, 186)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 181, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.7610, 0.2892, 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(157, 181, 186) }
```

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

```
.border{ border-color:rgb(157, 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(157, 181, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 186);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7610, 0.2892, 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(157, 181, 186) }
```

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

```
.background{ background-color: rgb(157,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor