

Converting Colors

$Yxy(43.5855, 0.2876, 0.3121)$

Have a look what the booklet for
Yxy(43.5855, 0.2876, 0.3121)
contains.

Yxy(43.5196, 0.2871, 0.3113)	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(43.5196, 0.2871, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	A0B3C0
RGB	160, 179, 192
RGB Percent	63%, 70%, 75%
CMY	0.3724, 0.2981, 0.2471
CMYK	0.17, 0.07, 0.00, 0.25
HSL	204°, 20%, 69%
HSV	204°, 17%, 75%
XYZ	40.1365, 43.5196, 56.1435
YIQ	174.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

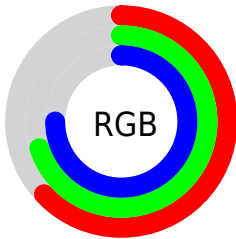
Format	Color
RYB	160, 172, 192
Decimal	10531776
CIELab	71.91, -3.79, -8.81
CIELCh	72, 9.594, 246.756
Yxy	43.5196, 0.2871, 0.3113
Android (android.graphics.Color)	4288721856 (0xFFA0B3C0)
YUV	174.8010, 8.4791, -12.9805
Hunter-Lab	65.9694, -6.8452, -4.2804

Details

The Yxy color **43.5196, 0.2871, 0.3113** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6435, 0.3412, 0.3461**, and the grayscale version is **42.7269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6410, 0.2920, 0.3153**, and **19.9739, 0.2791, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **38.6511, 0.2715, 0.2992**, and if you desaturate by 10%, it is **48.8744, 0.3026, 0.3223**.

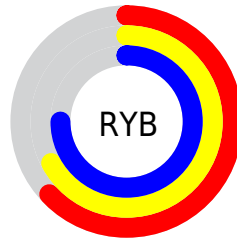
Distribution



Red (63%)

Green (70%)

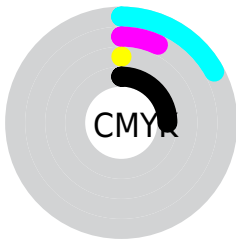
Blue (75%)



Red (63%)

Yellow (67%)

Blue (75%)

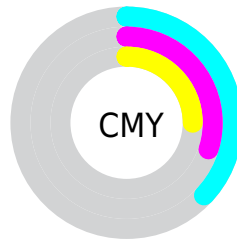


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5196, 0.2871, 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 43.5196, 0.2871, 0.3113 by changing the saturation by 10% instead.

■ 43.5196, 0.2871,
0.3113

■ 43.5196, 0.2871,
0.3113

360.7443, 0.3000,
0.3203

■ 30.2930, 0.2839,
0.3090

■ 80.4944, 0.2918,
0.3146

■ 20.0611, 0.2797,
0.3060

■ 105.0113, 0.2935,
0.3158

■ 12.4395, 0.2742,
0.3020

134.0606, 0.2950,
0.3169

■ 7.0437, 0.2664,
0.2963

168.0264, 0.2963,
0.3178

■ 3.4895, 0.2548,
0.2876

207.2934, 0.2974,
0.3185

■ 1.3923, 0.2355,
0.2727

252.2457, 0.2984,

■ 0.2110, 0.0928,

0.3192

0.1811

303.2679, 0.2992,
0.3198

0.0000, 0.0000,
0.0000

43.5196, 0.2871,
0.3113

43.5196, 0.2871,
0.3113

38.6511, 0.2715,
0.2992

48.8744, 0.3026,
0.3223

34.2467, 0.2560,
0.2860

54.7262, 0.3178,
0.3322

30.2902, 0.2410,
0.2718

61.0917, 0.3323,
0.3410

26.7621, 0.2270,
0.2568

67.9853, 0.3463,
0.3488

23.6411, 0.2144,
0.2413

75.2238, 0.3586,
0.3558

■ 20.9035, 0.2035,
0.2256

■ 79.3696, 0.3568,
0.3635

■ 18.5221, 0.1947,
0.2099

■ 83.7088, 0.3550,
0.3711

■ 16.4619, 0.1880,
0.1947

■ 88.2437, 0.3532,
0.3785

■ 15.8198, 0.1860,
0.1896

■ 92.9768, 0.3514,
0.3858

Harmonies

Analogous

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



43.5196, 0.2873, 0.3214



43.5196, 0.2871, 0.3113



43.5196, 0.2936, 0.3062

Triad

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



43.5196, 0.2871, 0.3113



43.5196, 0.3315, 0.3238



43.5196, 0.3198, 0.3522

Complementary

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



43.5196, 0.2871, 0.3113



43.6435, 0.3412, 0.3461

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.



43.5196, 0.3319, 0.3523



43.5196, 0.2871, 0.3113



43.5196, 0.3388, 0.3357

Square

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



43.5196, 0.2871, 0.3113



43.5196, 0.3192, 0.3134



43.5196, 0.3390, 0.3461



43.5196, 0.3059, 0.3454

Rectangle

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



43.5196, 0.2871, 0.3113



43.5196, 0.3010, 0.3061



43.5196, 0.3390, 0.3461



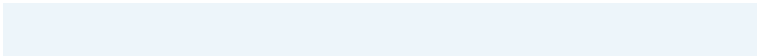
43.5196, 0.3242, 0.3530

Sweetspot

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



43.5214, 0.2871, 0.3113



90.1654, 0.3050, 0.3239



48.1803, 0.3014, 0.3552



19.1876, 0.3039, 0.3232



97.7402, 0.3127, 0.3290



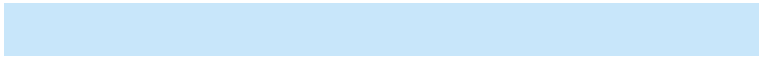
20.4902, 0.3127, 0.3290

Same Dimension

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



43.5214, 0.2871, 0.3113



75.5217, 0.2813, 0.3070



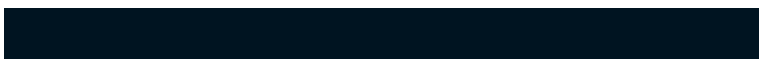
37.5622, 0.2861, 0.2892



10.7192, 0.2984, 0.3194



10.8032, 0.1865, 0.1915



0.5994, 0.1960, 0.2255

Inverse Universe

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



39.6157, 0.3262, 0.3045



67.2664, 0.3298, 0.2988



50.0486, 0.3380, 0.3659



10.1759, 0.3198, 0.3154



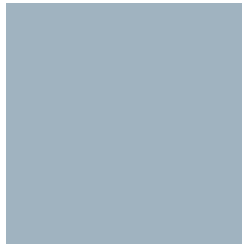
8.3728, 0.4550, 0.2280



0.3752, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 43.5196, 0.2871, 0.3113 looks on a white background.

Color Contrast Check

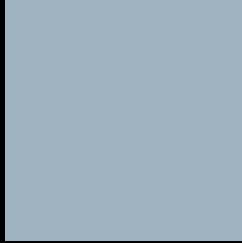
Large Text (above 18pt) WCAG AA × Fail

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 43.5196, 0.2871, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

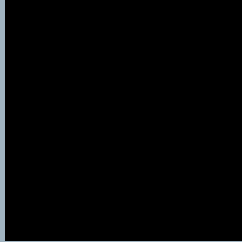
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

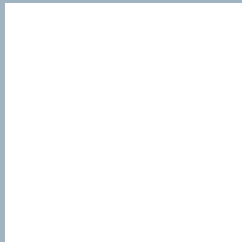
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5196, 0.2871, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 43.5196, 0.2871, 0.3113.



This preview shows how white text looks on a background with the Yxy color 43.5196, 0.2871, 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

43.5196, 0.2871, 0.3113

Protanopia

43.4480, 0.3015, 0.3105

Deuteranopia

43.3351, 0.3062, 0.2995



Tritanopia

43.5640, 0.2863, 0.3100

Trichromacy



Original Color

43.5196, 0.2871, 0.3113

Protanomaly

43.3144, 0.2965, 0.3103

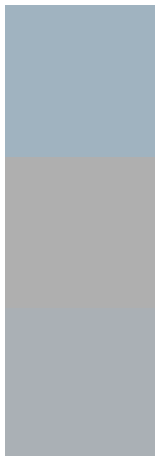
Deuteranomaly

43.3525, 0.2992, 0.3040

Tritanomaly

43.5640, 0.2863, 0.3100

Monochromacy



Original Color

43.5196, 0.2871, 0.3113

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9329, 0.3035, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5196, 0.2871, 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(160, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(160, 179, 192)  
}
```

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(160, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 179, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.5196, 0.2871, 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(160, 179, 192) }
```

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

```
.border{ border-color:rgb(160, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(160, 179,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5196, 0.2871, 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(160, 179, 192) }
```

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

```
.background{ background-color: rgb(160,  
179, 192) }
```

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