

Converting Colors

$Y_{xy}(42.9106, 0.2860, 0.3134)$

Have a look what the booklet for
Yxy(42.9106, 0.2860, 0.3134)
contains.

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Color

Yxy(43.1260, 0.2861, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	9DB3BE
RGB	157, 179, 190
RGB Percent	62%, 70%, 75%
CMY	0.3844, 0.2980, 0.2548
CMYK	0.17, 0.06, 0.00, 0.25
HSL	200°, 20%, 68%
HSV	200°, 17%, 75%
XYZ	39.3191, 43.1260, 54.9863
YIQ	173.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

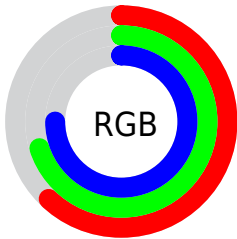
Format	Color
RYB	157, 170, 190
Decimal	10335166
CIELab	71.64, -5.20, -8.16
CIElCh	72, 9.681, 237.484
Yxy	43.1260, 0.2861, 0.3138
Android (android.graphics.Color)	4288525246 (0xFF9DB3BE)
YUV	173.6760, 8.0477, -14.6249
Hunter-Lab	65.6704, -8.0490, -3.6747

Details

The Yxy color **43.1260, 0.2861, 0.3138** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3953, 0.3432, 0.3437**, and the grayscale version is **42.1172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0675, 0.2913, 0.3173**, and **19.7311, 0.2779, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **38.8789, 0.2709, 0.3039**, and if you desaturate by 10%, it is **47.7909, 0.3015, 0.3229**.

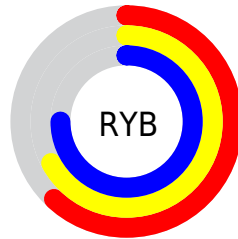
Distribution



Red (62%)

Green (70%)

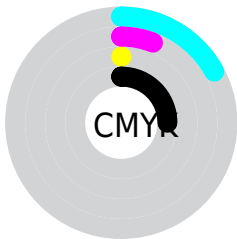
Blue (75%)



Red (62%)

Yellow (67%)

Blue (75%)

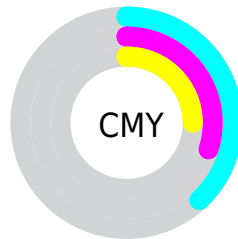


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (38%)


Magenta (30%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1260, 0.2861, 0.3138 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 43.1260, 0.2861, 0.3138 by changing the saturation by 10% instead.


 43.1260, 0.2861,
0.3138

 43.1260, 0.2861,
0.3138


359.1297, 0.2995,
0.3216

 29.9840, 0.2827,
0.3118


 79.9010, 0.2910,
0.3167

 19.8264, 0.2784,
0.3092


 104.3027, 0.2928,
0.3177

 12.2689, 0.2726,
0.3056


133.2265, 0.2943,
0.3186

 6.9271, 0.2645,
0.3006


167.0567, 0.2957,
0.3194

 3.4166, 0.2524,
0.2928

206.1777, 0.2968,
0.3201

 1.3529, 0.2321,
0.2793

250.9740, 0.2978,

 0.1816, 0.0458,

0.3206

0.1824

301.8298, 0.2987,
0.3212

0.0000, 0.0000,
0.0000

43.1260, 0.2861,
0.3138

43.1260, 0.2861,
0.3138

38.8789, 0.2709,
0.3039

47.7909, 0.3015,
0.3229

35.0289, 0.2560,
0.2931

52.8825, 0.3167,
0.3311

31.5616, 0.2420,
0.2816

58.4163, 0.3315,
0.3384

28.4591, 0.2290,
0.2695

64.4050, 0.3458,
0.3449

25.7020, 0.2176,
0.2570

70.8610, 0.3595,
0.3506

■ 23.2684, 0.2080,
0.2443

■ 74.6334, 0.3603,
0.3568

■ 21.1331, 0.2003,
0.2316

■ 77.9669, 0.3587,
0.3631

■ 19.2604, 0.1946,
0.2191

■ 81.4275, 0.3572,
0.3693

■ 18.7994, 0.1933,
0.2158

■ 85.0164, 0.3557,
0.3754

Harmonies

Analogous

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



43.1260, 0.2885, 0.3252



43.1260, 0.2861, 0.3138



43.1260, 0.2907, 0.3069

Triad

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



43.1260, 0.2861, 0.3138



43.1260, 0.3283, 0.3202



43.1260, 0.3240, 0.3533

Complementary

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



43.1260, 0.2861, 0.3138



41.3953, 0.3432, 0.3437

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.



43.1260, 0.3350, 0.3513



43.1260, 0.2861, 0.3138



43.1260, 0.3376, 0.3320

Square

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



43.1260, 0.2861, 0.3138



43.1260, 0.3149, 0.3107



43.1260, 0.3401, 0.3434



43.1260, 0.3101, 0.3484

Rectangle

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



43.1260, 0.2861, 0.3138



43.1260, 0.2971, 0.3055



43.1260, 0.3401, 0.3434



43.1260, 0.3282, 0.3534

Sweetspot

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



43.1278, 0.2861, 0.3138



88.6308, 0.3050, 0.3248



46.8356, 0.3025, 0.3596



19.3221, 0.3039, 0.3242



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.



43.1278, 0.2861, 0.3138



74.9958, 0.2801, 0.3100



36.8997, 0.2850, 0.2904



10.2584, 0.2985, 0.3212



12.6446, 0.1937, 0.2174



0.6110, 0.2020, 0.2473

Inverse Universe

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



38.3146, 0.3247, 0.3002



64.7645, 0.3279, 0.2935



47.8854, 0.3397, 0.3648



9.6407, 0.3187, 0.3138



8.3062, 0.4260, 0.2120



0.3370, 0.3949, 0.1949

Previews

White Background



This preview shows how the Yxy color 43.1260, 0.2861, 0.3138 looks on a white background.

Color Contrast Check

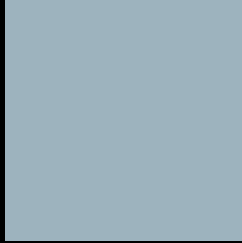
Large Text (above 18pt) WCAG AA × Fail

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 43.1260, 0.2861, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

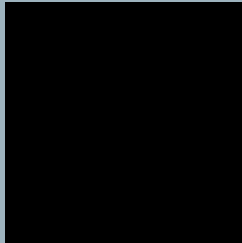
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

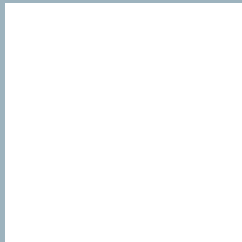
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1260, 0.2861, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 43.1260, 0.2861, 0.3138.



This preview shows how white text looks on a background with the Yxy color 43.1260, 0.2861, 0.3138.

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

43.1260, 0.2861, 0.3138

Protanopia

42.9739, 0.3031, 0.3117

Deuteranopia

42.8695, 0.3078, 0.3006



Tritanopia

43.2586, 0.2840, 0.3098

Trichromacy



Original Color

43.1260, 0.2861, 0.3138

Protanomaly

43.0063, 0.2964, 0.3128

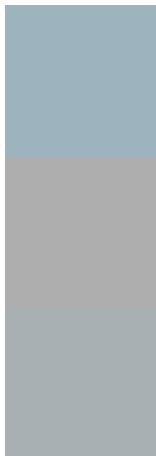
Deuteranomaly

42.7627, 0.2999, 0.3052

Tritanomaly

43.2141, 0.2847, 0.3112

Monochromacy



Original Color

43.1260, 0.2861, 0.3138

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6708, 0.3026, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1260, 0.2861, 0.3138 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, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(157, 179, 190)  
}
```

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, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 179, 190) }
```

Border

The CSS property to change the border of an element to Yxy 43.1260, 0.2861, 0.3138 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, 179, 190) }
```

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

```
.border{ border-color:rgb(157, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(157, 179,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1260, 0.2861, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 179, 190) }
```

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

```
.background{ background-color: rgb(157,  
179, 190) }
```

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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