

Converting Colors

$Y_{xy}(43.6399, 0.2912, 0.3103)$

Have a look what the booklet for
Yxy(43.6399, 0.2912, 0.3103)
contains.

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Color

Yxy(43.6459, 0.2910, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	A5B2C0
RGB	165, 178, 192
RGB Percent	65%, 70%, 75%
CMY	0.3528, 0.3020, 0.2470
CMYK	0.14, 0.07, 0.00, 0.25
HSL	211°, 18%, 70%
HSV	211°, 14%, 75%
XYZ	40.9576, 43.6459, 56.1443
YIQ	175.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

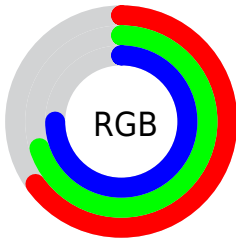
Format	Color
R _Y B	165, 174, 192
Decimal	10859200
CIE Lab	71.99, -1.61, -8.67
CIE LCh	72, 8.818, 259.470
Yxy	43.6459, 0.2910, 0.3101
Android (android.graphics.Color)	4289049280 (0xFFA5B2C0)
YUV	175.7090, 8.0315, -9.3918
Hunter-Lab	66.0650, -4.9512, -4.1411

Details

The Yxy color **43.6459, 0.2910, 0.3101** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.1876, 0.3358, 0.3472**, and the grayscale version is **43.2224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8386, 0.2951, 0.3144**, and **20.0420, 0.2843, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **37.9135, 0.2749, 0.2948**, and if you desaturate by 10%, it is **49.9799, 0.3066, 0.3239**.

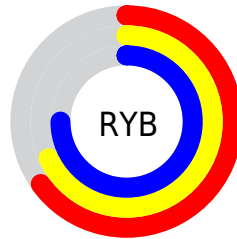
Distribution



Red (65%)

Green (70%)

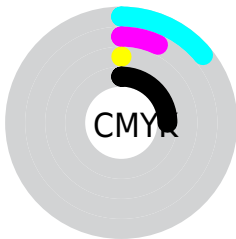
Blue (75%)



Red (65%)

Yellow (68%)

Blue (75%)

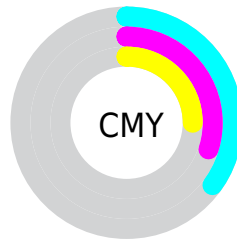


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6459, 0.2910, 0.3101 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 43.6459, 0.2910, 0.3101 by changing the saturation by 10% instead.

■ 43.6459, 0.2910,
0.3101

■ 43.6459, 0.2910,
0.3101

361.2613, 0.3019,
0.3197

■ 30.3922, 0.2883,
0.3077

■ 80.6846, 0.2950,
0.3136

■ 20.1365, 0.2847,
0.3045

■ 105.2385, 0.2965,
0.3149

■ 12.4943, 0.2800,
0.3003

134.3279, 0.2977,
0.3160

■ 7.0813, 0.2733,
0.2944

168.3372, 0.2988,
0.3170

■ 3.5130, 0.2634,
0.2854

207.6508, 0.2997,
0.3178

■ 1.4050, 0.2467,
0.2703

252.6531, 0.3006,

■ 0.2204, 0.1376,

0.3185

0.1782

303.7284, 0.3013,
0.3191

0.0000, 0.0000,
0.0000

43.6459, 0.2910,
0.3101

43.6459, 0.2910,
0.3101

37.9135, 0.2749,
0.2948

49.9799, 0.3066,
0.3239

32.7574, 0.2585,
0.2781

56.9288, 0.3215,
0.3361

28.1583, 0.2422,
0.2600

64.5123, 0.3355,
0.3470

24.0938, 0.2264,
0.2407

72.7475, 0.3486,
0.3565

20.5393, 0.2118,
0.2207

80.4876, 0.3563,
0.3655

■ 17.4680, 0.1988,
0.2005

■ 86.1327, 0.3540,
0.3751

■ 14.8497, 0.1879,
0.1806

■ 92.0998, 0.3517,
0.3844

■ 12.6492, 0.1794,
0.1616

■ 96.5865, 0.3502,
0.3909

■ 11.5035, 0.1752,
0.1508

Harmonies

Analogous

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



43.6459, 0.2885, 0.3177



43.6459, 0.2910, 0.3101



43.6459, 0.2993, 0.3076

Triad

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



43.6459, 0.2910, 0.3101



43.6459, 0.3335, 0.3288



43.6459, 0.3138, 0.3483

Complementary

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



43.6459, 0.2910, 0.3101



46.1876, 0.3358, 0.3472

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.



43.6459, 0.3260, 0.3511



43.6459, 0.2910, 0.3101



43.6459, 0.3376, 0.3396

Square

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



43.6459, 0.2910, 0.3101



43.6459, 0.3238, 0.3184



43.6459, 0.3348, 0.3478



43.6459, 0.3015, 0.3400

Rectangle

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



43.6459, 0.2910, 0.3101



43.6459, 0.3070, 0.3091



43.6459, 0.3348, 0.3478



43.6459, 0.3181, 0.3499

Sweetspot

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



43.6477, 0.2910, 0.3101



90.5315, 0.3066, 0.3238



48.9630, 0.3008, 0.3465



19.2268, 0.3054, 0.3228



97.7402, 0.3127, 0.3290



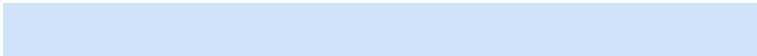
20.4902, 0.3127, 0.3290

Same Dimension

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



43.6477, 0.2910, 0.3101



75.6125, 0.2859, 0.3054



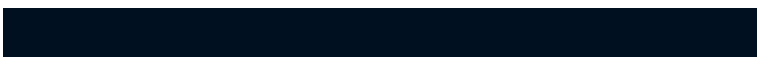
38.7784, 0.2908, 0.2922



10.5285, 0.2984, 0.3167



7.8934, 0.1759, 0.1531



0.4790, 0.1875, 0.1949

Inverse Universe

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



41.3439, 0.3266, 0.3123



70.7253, 0.3303, 0.3083



51.5746, 0.3331, 0.3634



10.1567, 0.3215, 0.3180



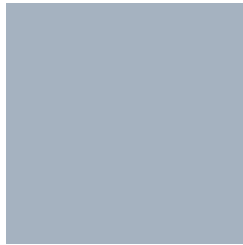
8.0791, 0.5019, 0.2539



0.3630, 0.4511, 0.2259

Previews

White Background



This preview shows how the Yxy color 43.6459, 0.2910, 0.3101 looks on a white background.

Color Contrast Check

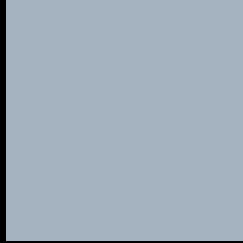
Large Text (above 18pt) WCAG AA × Fail

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 43.6459, 0.2910, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

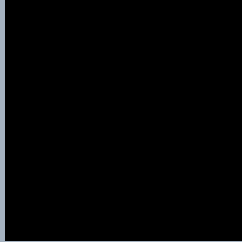
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

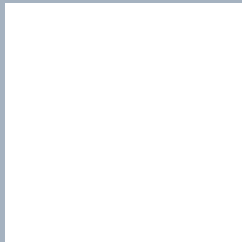
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6459, 0.2910, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 43.6459, 0.2910, 0.3101.

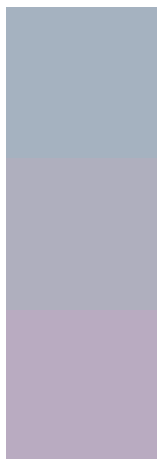


This preview shows how white text looks on a background with the Yxy color 43.6459, 0.2910, 0.3101.

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

43.6459, 0.2910, 0.3101

Protanopia

43.4916, 0.3007, 0.3092

Deuteranopia

43.2904, 0.3070, 0.3007



Tritanopia

43.6459, 0.2910, 0.3101

Trichromacy



Original Color

43.6459, 0.2910, 0.3101

Protanomaly

43.4702, 0.2966, 0.3090

Deuteranomaly

43.5873, 0.3009, 0.3042

Tritanomaly

43.6459, 0.2910, 0.3101

Monochromacy



Original Color

43.6459, 0.2910, 0.3101

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5923, 0.3044, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6459, 0.2910, 0.3101 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(165, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 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(165, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.6459, 0.2910, 0.3101 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(165, 178, 192) }
```

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

```
.border{ border-color:rgb(165, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6459, 0.2910, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 178, 192) }
```

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

```
.background{ background-color: rgb(165,  
178, 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](#).

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