

Converting Colors

$Y_{xy}(43.4621, 0.2939, 0.3162)$

Have a look what the booklet for
Yxy(43.4621, 0.2939, 0.3162)
contains.

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Color

Yxy(43.4710, 0.2940, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	A5B2BC
RGB	165, 178, 188
RGB Percent	65%, 70%, 74%
CMY	0.3528, 0.3020, 0.2627
CMYK	0.12, 0.05, 0.00, 0.26
HSL	206°, 15%, 69%
HSV	206°, 12%, 74%
XYZ	40.5215, 43.4710, 53.8357
YIQ	175.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

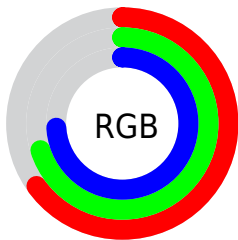
Format	Color
RYP	165, 173, 188
Decimal	10859196
CIELab	71.87, -2.45, -6.64
CIElCh	72, 7.080, 249.761
Yxy	43.4710, 0.2940, 0.3154
Android (android.graphics.Color)	4289049276 (0xFFA5B2BC)
YUV	175.2530, 6.2843, -8.9919
Hunter-Lab	65.9325, -5.6776, -2.2591

Details

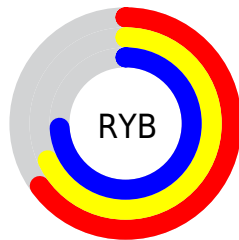
The Yxy color **43.4710, 0.2940, 0.3154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0932, 0.3328, 0.3422**, and the grayscale version is **42.9830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5929, 0.2975, 0.3185**, and **19.9272, 0.2883, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **38.4362, 0.2783, 0.3029**, and if you desaturate by 10%, it is **49.0008, 0.3094, 0.3267**.

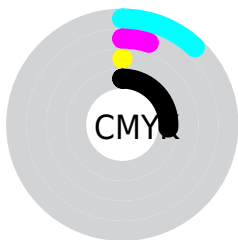
Distribution



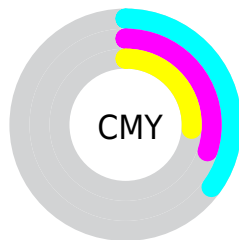
- Red (65%)
- Green (70%)
- Blue (74%)



- Red (65%)
- Yellow (68%)
- Blue (74%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4710, 0.2940, 0.3154 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 43.4710, 0.2940, 0.3154 by changing the saturation by 10% instead.

■ 43.4710, 0.2940,
0.3154

■ 43.4710, 0.2940,
0.3154

360.5452, 0.3034,
0.3223

■ 30.2548, 0.2916,
0.3136

■ 80.4211, 0.2974,
0.3179

■ 20.0321, 0.2886,
0.3114

■ 104.9239, 0.2987,
0.3189

■ 12.4184, 0.2845,
0.3083

133.9577, 0.2998,
0.3197

■ 7.0293, 0.2787,
0.3039

167.9068, 0.3007,
0.3204

■ 3.4804, 0.2700,
0.2972

207.1557, 0.3016,
0.3210

■ 1.3874, 0.2554,
0.2858

252.0889, 0.3023,

■ 0.2074, 0.1327,

0.3215

0.2004

303.0905, 0.3029,
0.3219

0.0000, 0.0000,
0.0000

43.4710, 0.2940,
0.3154

43.4710, 0.2940,
0.3154

38.4362, 0.2783,
0.3029

49.0008, 0.3094,
0.3267

33.8748, 0.2625,
0.2892

55.0357, 0.3242,
0.3367

29.7713, 0.2470,
0.2744

61.5920, 0.3384,
0.3457

26.1072, 0.2322,
0.2587

68.6837, 0.3518,
0.3536

22.8622, 0.2185,
0.2422

75.5486, 0.3613,
0.3608

■ 20.0144, 0.2064,
0.2253

■ 79.9326, 0.3592,
0.3689

■ 17.5387, 0.1962,
0.2084

■ 84.5303, 0.3572,
0.3768

■ 15.4059, 0.1882,
0.1919

■ 89.3445, 0.3552,
0.3845

■ 13.9421, 0.1832,
0.1794

■ 94.3782, 0.3533,
0.3920

Harmonies

Analogous

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



43.4710, 0.2936, 0.3226



43.4710, 0.2940, 0.3154



43.4710, 0.2993, 0.3119

Triad

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



43.4710, 0.2940, 0.3154



43.4710, 0.3273, 0.3260



43.4710, 0.3170, 0.3457

Complementary

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



43.4710, 0.2940, 0.3154



44.0932, 0.3328, 0.3422

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.



43.4710, 0.3261, 0.3464



43.4710, 0.2940, 0.3154



43.4710, 0.3322, 0.3349

Square

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



43.4710, 0.2940, 0.3154



43.4710, 0.3185, 0.3181



43.4710, 0.3318, 0.3424



43.4710, 0.3068, 0.3403

Rectangle

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



43.4710, 0.2940, 0.3154



43.4710, 0.3050, 0.3121



43.4710, 0.3318, 0.3424



43.4710, 0.3203, 0.3465

Sweetspot

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



43.4728, 0.2940, 0.3154



86.8763, 0.3066, 0.3247



47.0686, 0.3038, 0.3466



18.5156, 0.3054, 0.3239



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.



43.4728, 0.2940, 0.3154



75.9219, 0.2893, 0.3117



39.1166, 0.2937, 0.2996



10.0938, 0.2984, 0.3187



9.6417, 0.1837, 0.1814



0.5057, 0.1945, 0.2203

Inverse Universe

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



40.8321, 0.3228, 0.3121



70.1725, 0.3257, 0.3077



48.7296, 0.3309, 0.3568



9.6241, 0.3203, 0.3161



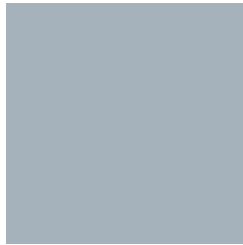
8.0030, 0.4668, 0.2345



0.3264, 0.4229, 0.2103

Previews

White Background



This preview shows how the Yxy color 43.4710, 0.2940, 0.3154 looks on a white background.

Color Contrast Check

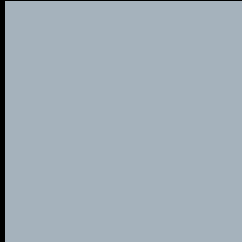
Large Text (above 18pt) WCAG AA × Fail

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 43.4710, 0.2940, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

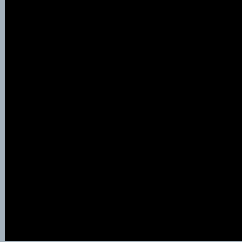
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

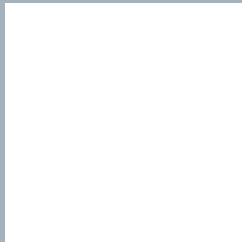
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4710, 0.2940, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 43.4710, 0.2940, 0.3154.



This preview shows how white text looks on a background with the Yxy color 43.4710, 0.2940, 0.3154.

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

43.4710, 0.2940, 0.3154

Protanopia

43.4352, 0.3047, 0.3144

Deuteranopia

43.3647, 0.3120, 0.3058



Tritanopia

43.3570, 0.2918, 0.3088

Trichromacy



Original Color

43.4710, 0.2940, 0.3154

Protanomaly

43.4092, 0.3005, 0.3143

Deuteranomaly

43.5299, 0.3049, 0.3093

Tritanomaly

43.3129, 0.2925, 0.3101

Monochromacy



Original Color

43.4710, 0.2940, 0.3154

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0039, 0.3052, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4710, 0.2940, 0.3154 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.4710, 0.2940, 0.3154 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, 188) }
```

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

```
.border{ border-color:rgb(165, 178, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 188);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4710, 0.2940, 0.3154 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, 188) }
```

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

```
.background{ background-color: rgb(165,  
178, 188) }
```

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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