

Converting Colors

$Yxy(43.3429, 0.2962, 0.3194)$

Have a look what the booklet for
Yxy(43.3429, 0.2962, 0.3194)
contains.

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Color

Yxy(43.3429, 0.2962, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	A5B2B9
RGB	165, 178, 185
RGB Percent	65%, 70%, 73%
CMY	0.3530, 0.3019, 0.2744
CMYK	0.11, 0.04, 0.00, 0.27
HSL	201°, 13%, 69%
HSV	201°, 11%, 73%
XYZ	40.1946, 43.3429, 52.1635
YIQ	174.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

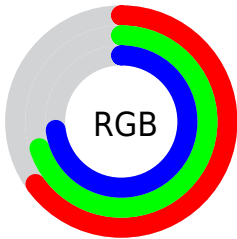
Format	Color
RYB	165, 173, 185
Decimal	10859193
CIELab	71.79, -3.09, -5.14
CIELCh	72, 5.996, 238.962
Yxy	43.3429, 0.2962, 0.3194
Android (android.graphics.Color)	4289049273 (0xFFA5B2B9)
YUV	174.9110, 4.9739, -8.6919
Hunter-Lab	65.8353, -6.2317, -0.8927

Details

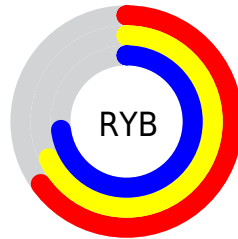
The Yxy color **43.3429, 0.2962, 0.3194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5445, 0.3306, 0.3384**, and the grayscale version is **42.7996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4122, 0.2992, 0.3216**, and **19.8439, 0.2913, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **38.9816, 0.2808, 0.3096**, and if you desaturate by 10%, it is **48.1170, 0.3115, 0.3283**.

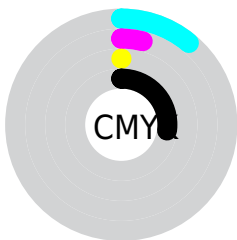
Distribution



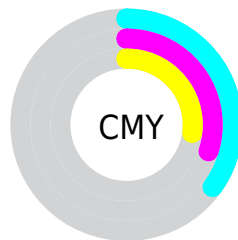
- Red (65%)
- Green (70%)
- Blue (73%)



- Red (65%)
- Yellow (68%)
- Blue (73%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)





- Cyan (35%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3429, 0.2962, 0.3194 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 43.3429, 0.2962, 0.3194 by changing the saturation by 10% instead.


 43.3429, 0.2962,
0.3194


 43.3429, 0.2962,
0.3194

360.0200, 0.3045,
0.3243

 30.1543, 0.2941,
0.3181


 80.2281, 0.2992,
0.3212

 19.9557, 0.2914,
0.3165

 104.6933, 0.3004,
0.3219

 12.3628, 0.2878,
0.3143

133.6863, 0.3013,
0.3224

 6.9913, 0.2826,
0.3112

167.5914, 0.3022,
0.3229

 3.4567, 0.2749,
0.3063

206.7928, 0.3029,
0.3233

 1.3745, 0.2618,
0.2979

251.6752, 0.3035,

 0.1978, 0.1272,

0.3237

0.2235

302.6228, 0.3040,
0.3240

0.0000, 0.0000,
0.0000

43.3429, 0.2962,
0.3194

43.3429, 0.2962,
0.3194

38.9816, 0.2808,
0.3096

48.1170, 0.3115,
0.3283

35.0136, 0.2656,
0.2988

53.3115, 0.3264,
0.3363

31.4260, 0.2509,
0.2872

58.9408, 0.3408,
0.3434

28.2026, 0.2370,
0.2749

65.0169, 0.3546,
0.3497

25.3263, 0.2243,
0.2620

71.0733, 0.3658,
0.3554

■ 22.7778, 0.2132,
0.2487

■ 74.3503, 0.3640,
0.3619

■ 20.5354, 0.2040,
0.2353

■ 77.7586, 0.3623,
0.3683

■ 18.5737, 0.1968,
0.2220

■ 81.2999, 0.3606,
0.3746

■ 16.9775, 0.1917,
0.2100

■ 84.9755, 0.3589,
0.3808

Harmonies

Analogous

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



43.3429, 0.2975, 0.3264



43.3429, 0.2962, 0.3194



43.3429, 0.2993, 0.3152

Triad

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



43.3429, 0.2962, 0.3194



43.3429, 0.3227, 0.3239



43.3429, 0.3194, 0.3438

Complementary

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



43.3429, 0.2962, 0.3194



42.5445, 0.3306, 0.3384

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.



43.3429, 0.3263, 0.3430



43.3429, 0.2962, 0.3194



43.3429, 0.3282, 0.3314

Square

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



43.3429, 0.2962, 0.3194



43.3429, 0.3145, 0.3178



43.3429, 0.3295, 0.3383



43.3429, 0.3107, 0.3406

Rectangle

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



43.3429, 0.2962, 0.3194



43.3429, 0.3034, 0.3144



43.3429, 0.3295, 0.3383



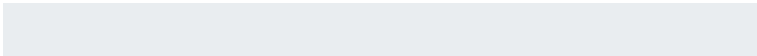
43.3429, 0.3220, 0.3440

Sweetspot

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



43.3447, 0.2962, 0.3194



84.1867, 0.3081, 0.3264



45.6878, 0.3061, 0.3468



17.9979, 0.3069, 0.3257



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.3447, 0.2962, 0.3194



75.6765, 0.2925, 0.3171



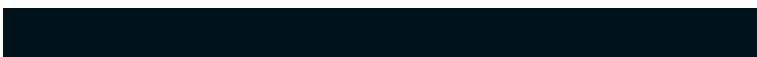
39.5048, 0.2960, 0.3055



9.6663, 0.2985, 0.3208



11.6965, 0.1921, 0.2116



0.5238, 0.2015, 0.2454

Inverse Universe

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



40.4382, 0.3200, 0.3118



69.4925, 0.3218, 0.3079



46.5005, 0.3291, 0.3514



9.1078, 0.3189, 0.3143



7.9631, 0.4323, 0.2155



0.2920, 0.3968, 0.1960

Previews

White Background



This preview shows how the Yxy color 43.3429, 0.2962, 0.3194 looks on a white background.

Color Contrast Check

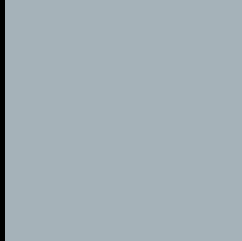
Large Text (above 18pt) WCAG AA × Fail

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 43.3429, 0.2962, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

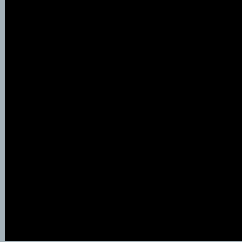
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

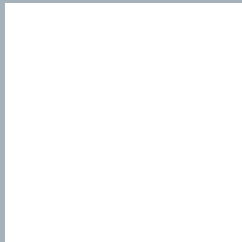
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3429, 0.2962, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 43.3429, 0.2962, 0.3194.



This preview shows how white text looks on a background with the Yxy color 43.3429, 0.2962, 0.3194.

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

43.3429, 0.2962, 0.3194

Protanopia

43.4260, 0.3080, 0.3184

Deuteranopia

43.4050, 0.3146, 0.3084



Tritanopia

43.3129, 0.2925, 0.3101

Trichromacy



Original Color

43.3429, 0.2962, 0.3194

Protanomaly

43.3956, 0.3037, 0.3183

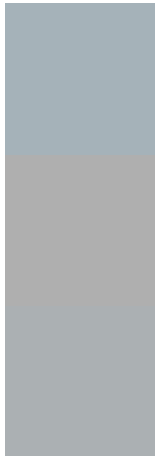
Deuteranomaly

43.5206, 0.3082, 0.3132

Tritanomaly

43.2254, 0.2940, 0.3128

Monochromacy



Original Color

43.3429, 0.2962, 0.3194

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9633, 0.3060, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3429, 0.2962, 0.3194 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 185) }
```

Border

The CSS property to change the border of an element to Yxy 43.3429, 0.2962, 0.3194 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, 185) }
```

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

```
.border{ border-color:rgb(165, 178, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 185);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3429, 0.2962, 0.3194 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, 185) }
```

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

```
.background{ background-color: rgb(165,  
178, 185) }
```

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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