

Converting Colors

$Yxy(54.7895, 0.2989, 0.3243)$

Have a look what the booklet for
Yxy(54.7895, 0.2989, 0.3243)
contains.

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Color

Yxy(54.8428, 0.2991, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	B8C6CA
RGB	184, 198, 202
RGB Percent	72%, 78%, 79%
CMY	0.2783, 0.2235, 0.2078
CMYK	0.09, 0.02, 0.00, 0.21
HSL	193°, 14%, 76%
HSV	193°, 9%, 79%
XYZ	50.6280, 54.8428, 63.7971
YIQ	194.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

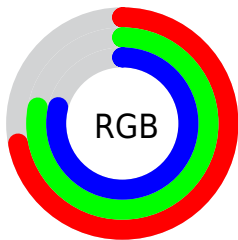
Format	Color
RYB	184, 192, 202
Decimal	12109514
CIELab	78.95, -3.96, -3.65
CIELCh	79, 5.385, 222.660
Yxy	54.8428, 0.2991, 0.3240
Android (android.graphics.Color)	4290299594 (0xFFB8C6CA)
YUV	194.2700, 3.8109, -9.0068
Hunter-Lab	74.0559, -7.5671, 0.7625

Details

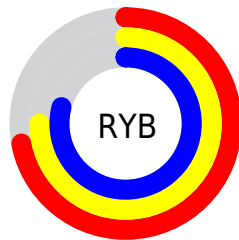
The Yxy color **54.8428, 0.2991, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0047, 0.3275, 0.3339**, and the grayscale version is **54.1024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **26.9099, 0.2956, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **50.4953, 0.2840, 0.3179**, and if you desaturate by 10%, it is **59.6125, 0.3144, 0.3296**.

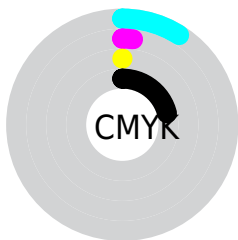
Distribution



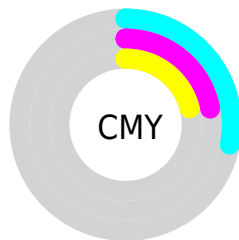
- Red (72%)
- Green (78%)
- Blue (79%)



- Red (72%)
- Yellow (75%)
- Blue (79%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8428, 0.2991, 0.3240 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 54.8428, 0.2991, 0.3240 by changing the saturation by 10% instead.

■ 54.8428, 0.2991,
0.3240

■ 54.8428, 0.2991,
0.3240

405.3158, 0.3057,
0.3265

■ 39.2759, 0.2975,
0.3234

■ 97.3106, 0.3015,
0.3249

■ 26.9744, 0.2955,
0.3226

124.9803, 0.3024,
0.3252

■ 17.5540, 0.2929,
0.3216

157.4530, 0.3031,
0.3255

■ 10.6303, 0.2893,
0.3202

195.1131, 0.3038,
0.3258

■ 5.8188, 0.2842,
0.3181

238.3450, 0.3044,
0.3260

■ 2.7352, 0.2763,
0.3148

287.5332, 0.3049,

■ 0.9951, 0.2622,

0.3262

0.3087

343.0620, 0.3053,
0.3263

0.0000, 0.0000,
0.0000

54.8428, 0.2991,
0.3240

54.8428, 0.2991,
0.3240

50.4953, 0.2840,
0.3179

59.6125, 0.3144,
0.3296

46.5475, 0.2694,
0.3112

64.8121, 0.3297,
0.3346

42.9852, 0.2555,
0.3040

70.4578, 0.3447,
0.3391

39.7903, 0.2428,
0.2964

74.6493, 0.3518,
0.3434

36.9434, 0.2316,
0.2885

76.9911, 0.3509,
0.3479

■ 34.4228, 0.2220,
0.2804

■ 79.3968, 0.3499,
0.3524

■ 32.2039, 0.2143,
0.2722

■ 81.8669, 0.3490,
0.3569

■ 30.2579, 0.2086,
0.2640

■ 84.4018, 0.3482,
0.3613

■ 28.5379, 0.2046,
0.2558

■ 87.0020, 0.3473,
0.3656

Harmonies

Analogous

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



54.8428, 0.3021, 0.3304



54.8428, 0.2991, 0.3240



54.8428, 0.2997, 0.3191

Triad

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



54.8428, 0.2991, 0.3240



54.8428, 0.3175, 0.3218



54.8428, 0.3216, 0.3413

Complementary

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



54.8428, 0.2991, 0.3240



52.0047, 0.3275, 0.3339

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.



54.8428, 0.3259, 0.3389



54.8428, 0.2991, 0.3240



54.8428, 0.3235, 0.3275

Square

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



54.8428, 0.2991, 0.3240



54.8428, 0.3103, 0.3179



54.8428, 0.3265, 0.3338



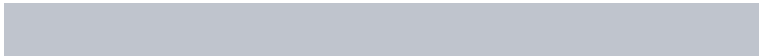
54.8428, 0.3150, 0.3405

Rectangle

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



54.8428, 0.2991, 0.3240



54.8428, 0.3021, 0.3173



54.8428, 0.3265, 0.3338



54.8428, 0.3234, 0.3409

Sweetspot

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



54.8451, 0.2991, 0.3240



97.4936, 0.3081, 0.3273



56.0659, 0.3089, 0.3466



20.7267, 0.3068, 0.3269



0.0000, 0.0000, 0.0000



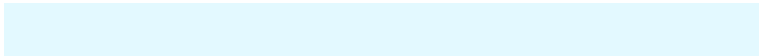
21.4041, 0.3127, 0.3290

Same Dimension

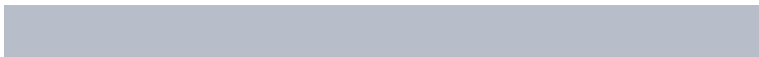
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.8451, 0.2991, 0.3240



91.1341, 0.2957, 0.3227



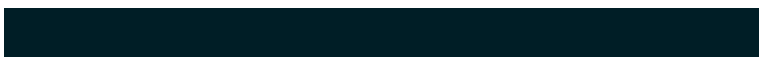
50.9084, 0.2991, 0.3129



12.2858, 0.2983, 0.3237



18.3827, 0.2045, 0.2561



1.0557, 0.2089, 0.2719

Inverse Universe

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



50.9293, 0.3169, 0.3121



82.9942, 0.3180, 0.3078



55.9127, 0.3264, 0.3446



11.3592, 0.3171, 0.3112



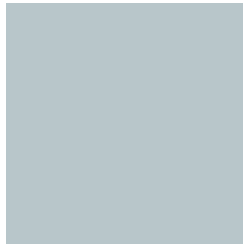
9.6587, 0.3863, 0.1901



0.5091, 0.3710, 0.1818

Previews

White Background



This preview shows how the Yxy color 54.8428, 0.2991, 0.3240 looks on a white background.

Color Contrast Check

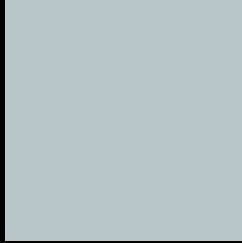
Large Text (above 18pt) WCAG AA × Fail

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 54.8428, 0.2991, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

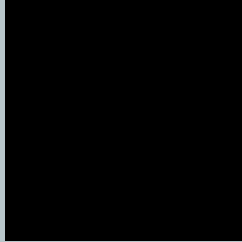
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

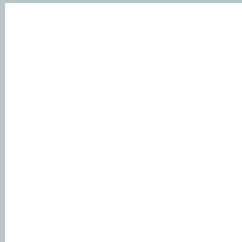
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8428, 0.2991, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 54.8428, 0.2991, 0.3240.



This preview shows how white text looks on a background with the Yxy color 54.8428, 0.2991, 0.3240.

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

54.8428, 0.2991, 0.3240

Protanopia

54.6240, 0.3107, 0.3217

Deuteranopia

54.4565, 0.3184, 0.3115



Tritanopia

54.6724, 0.2936, 0.3095

Trichromacy



Original Color

54.8428, 0.2991, 0.3240

Protanomaly

54.4537, 0.3060, 0.3217

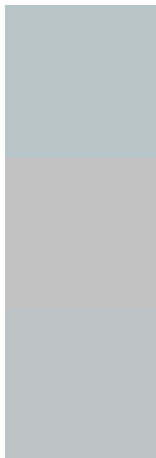
Deuteranomaly

54.4286, 0.3117, 0.3159

Tritanomaly

54.8009, 0.2957, 0.3155

Monochromacy



Original Color

54.8428, 0.2991, 0.3240

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0086, 0.3073, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8428, 0.2991, 0.3240 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(184, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 202)  
}
```

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(184, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.8428, 0.2991, 0.3240 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(184, 198, 202) }
```

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

```
.border{ border-color:rgb(184, 198, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8428, 0.2991, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 202) }
```

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

```
.background{ background-color: rgb(184,  
198, 202) }
```

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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