

Converting Colors

$Yxy(56.8990, 0.2944, 0.3240)$

Have a look what the booklet for
Yxy(56.8990, 0.2944, 0.3240)
contains.

Yxy(57.1619, 0.2943, 0.3240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.1619, 0.2943, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	B6CBCF
RGB	182, 203, 207
RGB Percent	71%, 80%, 81%
CMY	0.2860, 0.2040, 0.1881
CMYK	0.12, 0.02, 0.00, 0.19
HSL	190°, 21%, 76%
HSV	190°, 12%, 81%
XYZ	51.9221, 57.1619, 67.3417
YIQ	197.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

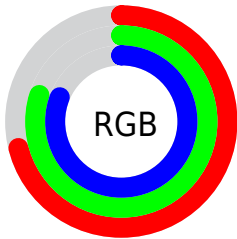
Format	Color
R_{YB}	182, 193, 207
Decimal	11979727
CIE _{Lab}	80.27, -6.22, -4.42
CIE _{LCh}	80, 7.633, 215.357
Yxy	57.1619, 0.2943, 0.3240
Android (android.graphics.Color)	4290169807 (0xFFB6CBCF)
YUV	197.1770, 4.8427, -13.3102
Hunter-Lab	75.6055, -9.7248, 0.1144

Details

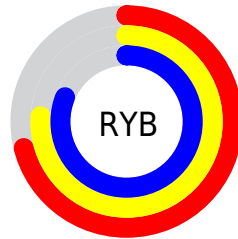
The Yxy color **57.1619, 0.2943, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8065, 0.3337, 0.3339**, and the grayscale version is **55.9312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **28.4619, 0.2894, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **53.2627, 0.2795, 0.3194**, and if you desaturate by 10%, it is **61.4727, 0.3095, 0.3282**.

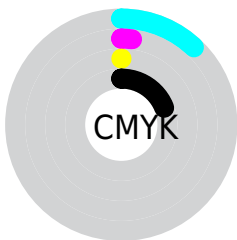
Distribution



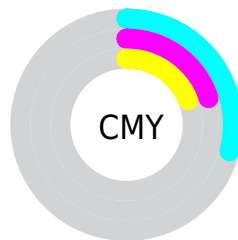
- Red (71%)
- Green (80%)
- Blue (81%)



- Red (71%)
- Yellow (76%)
- Blue (81%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)





- Cyan (29%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1619, 0.2943, 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 57.1619, 0.2943, 0.3240 by changing the saturation by 10% instead.

 57.1619, 0.2943,
0.3240

 57.1619, 0.2943,
0.3240


414.0557, 0.3032,
0.3265

 41.1352, 0.2922,
0.3234


 100.7014, 0.2974,
0.3249

 28.4248, 0.2895,
0.3226


128.9830, 0.2986,
0.3252

 18.6461, 0.2861,
0.3216

162.1184, 0.2997,
0.3255

 11.4148, 0.2815,
0.3201

200.4919, 0.3006,
0.3258

 6.3466, 0.2749,
0.3181

244.4880, 0.3013,
0.3260

 3.0570, 0.2648,
0.3147

294.4911, 0.3020,

 1.1615, 0.2475,

0.3262

0.3085

350.8855, 0.3026,
0.3263

0.0300, 0.0000,
0.0807

0.0000, 0.0000,
0.0000

57.1619, 0.2943,
0.3240

57.1619, 0.2943,
0.3240

53.2627, 0.2795,
0.3194

61.4727, 0.3095,
0.3282

49.7513, 0.2655,
0.3145

66.2034, 0.3250,
0.3320

46.6125, 0.2526,
0.3093

71.3710, 0.3404,
0.3354

43.8272, 0.2410,
0.3038

75.0693, 0.3480,
0.3386

■ 41.3742, 0.2310,
0.2981

■ 76.8056, 0.3474,
0.3420

■ 39.2300, 0.2229,
0.2924

■ 78.5769, 0.3468,
0.3453

■ 37.3678, 0.2168,
0.2866

■ 80.3837, 0.3462,
0.3487

■ 35.7551, 0.2125,
0.2808

■ 82.2259, 0.3456,
0.3520

■ 34.6072, 0.2101,
0.2763

■ 84.1040, 0.3450,
0.3552

Harmonies

Analogous

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



57.1619, 0.2995, 0.3331



57.1619, 0.2943, 0.3240



57.1619, 0.2939, 0.3165

Triad

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



57.1619, 0.2943, 0.3240



57.1619, 0.3170, 0.3173



57.1619, 0.3270, 0.3458

Complementary

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



57.1619, 0.2943, 0.3240



51.8065, 0.3337, 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.



57.1619, 0.3319, 0.3412



57.1619, 0.2943, 0.3240



57.1619, 0.3260, 0.3248

Square

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



57.1619, 0.2943, 0.3240



57.1619, 0.3069, 0.3128



57.1619, 0.3315, 0.3335



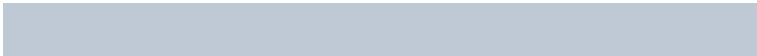
57.1619, 0.3183, 0.3459

Rectangle

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



57.1619, 0.2943, 0.3240



57.1619, 0.2965, 0.3133



57.1619, 0.3315, 0.3335



57.1619, 0.3291, 0.3448

Sweetspot

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



57.1643, 0.2943, 0.3240



97.0690, 0.3065, 0.3274



58.1257, 0.3087, 0.3555



20.6614, 0.3053, 0.3271



0.0000, 0.0000, 0.0000



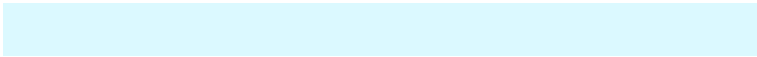
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1643, 0.2943, 0.3240



90.2197, 0.2911, 0.3231



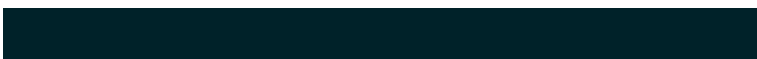
51.6316, 0.2940, 0.3088



13.0681, 0.2983, 0.3251



21.9159, 0.2103, 0.2771



1.3145, 0.2132, 0.2876

Inverse Universe

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



51.0603, 0.3173, 0.3042



78.9336, 0.3182, 0.2997



57.1673, 0.3319, 0.3484



11.9749, 0.3162, 0.3097



10.2837, 0.3662, 0.1791



0.5840, 0.3565, 0.1738

Previews

White Background



This preview shows how the Yxy color 57.1619, 0.2943, 0.3240 looks on a white background.

Color Contrast Check

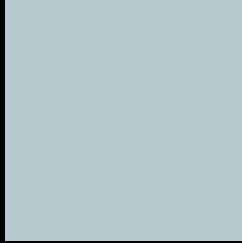
Large Text (above 18pt) WCAG AA × Fail

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 57.1619, 0.2943, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

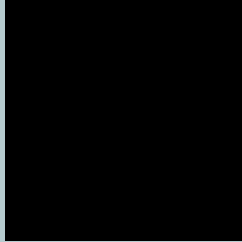
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

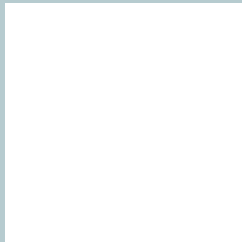
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1619, 0.2943, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 57.1619, 0.2943, 0.3240.



This preview shows how white text looks on a background with the Yxy color 57.1619, 0.2943, 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

57.1619, 0.2943, 0.3240

Protanopia

57.1653, 0.3107, 0.3219

Deuteranopia

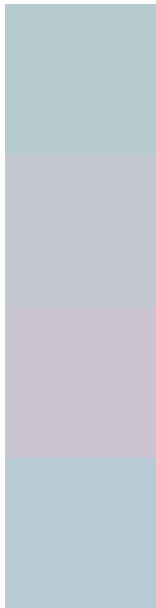
56.8895, 0.3168, 0.3106



Tritanopia

56.9734, 0.2890, 0.3097

Trichromacy



Original Color

57.1619, 0.2943, 0.3240

Protanomaly

57.1857, 0.3045, 0.3230

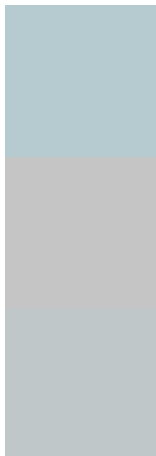
Deuteranomaly

57.0431, 0.3086, 0.3160

Tritanomaly

57.1124, 0.2910, 0.3156

Monochromacy



Original Color

57.1619, 0.2943, 0.3240

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2704, 0.3059, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1619, 0.2943, 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(182, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 203, 207)  
}
```

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(182, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 203, 207) }
```

Border

The CSS property to change the border of an element to Yxy 57.1619, 0.2943, 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(182, 203, 207) }
```

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

```
.border{ border-color:rgb(182, 203, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 203, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 203,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1619, 0.2943, 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(182, 203, 207) }
```

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

```
.background{ background-color: rgb(182,  
203, 207) }
```

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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