

Converting Colors

Yxy(59.0145, 0.3002, 0.3230)

Have a look what the booklet for
Yxy(59.0145, 0.3002, 0.3230)
contains.

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Color

Yxy(58.9956, 0.3002, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C0CCD1
RGB	192, 204, 209
RGB Percent	75%, 80%, 82%
CMY	0.2472, 0.1999, 0.1804
CMYK	0.08, 0.02, 0.00, 0.18
HSL	198°, 16%, 79%
HSV	198°, 8%, 82%
XYZ	54.8312, 58.9956, 68.8221
YIQ	200.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

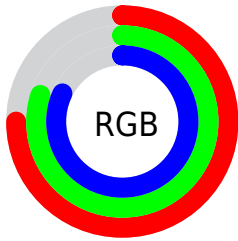
Format	Color
R_{YB}	192, 199, 209
Decimal	12635345
CIE _{Lab}	81.29, -3.12, -3.90
CIE _{LCh}	81, 4.995, 231.341
Yxy	58.9956, 0.3002, 0.3230
Android (android.graphics.Color)	4290825425 (0xFFC0CCD1)
YUV	200.9820, 3.9529, -7.8772
Hunter-Lab	76.8086, -6.9896, 0.6409

Details

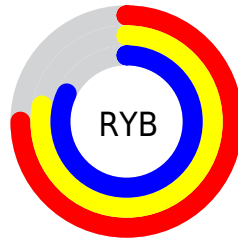
The Yxy color **58.9956, 0.3002, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2666, 0.3261, 0.3349**, and the grayscale version is **58.3733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **29.5825, 0.2962, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **53.6111, 0.2849, 0.3150**, and if you desaturate by 10%, it is **64.8866, 0.3155, 0.3303**.

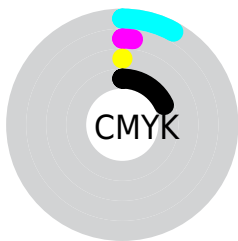
Distribution



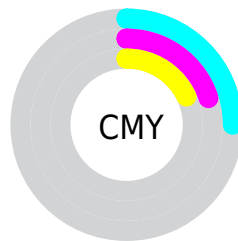
- Red (75%)
- Green (80%)
- Blue (82%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9956, 0.3002, 0.3230 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 58.9956, 0.3002, 0.3230 by changing the saturation by 10% instead.

■ 58.9956, 0.3002,
0.3230

■ 58.9956, 0.3002,
0.3230

420.8856, 0.3062,
0.3259

■ 42.6096, 0.2988,
0.3223

■ 103.3713, 0.3023,
0.3240

■ 29.5789, 0.2970,
0.3214

132.1297, 0.3031,
0.3244

■ 19.5192, 0.2947,
0.3203

165.7811, 0.3038,
0.3248

■ 12.0460, 0.2916,
0.3187

204.7098, 0.3044,
0.3251

■ 6.7750, 0.2872,
0.3164

249.3002, 0.3050,
0.3253

■ 3.3218, 0.2805,
0.3129

299.9367, 0.3054,

■ 1.3020, 0.2690,

0.3255

0.3068

357.0037, 0.3058,
0.3257

0.1427, 0.0944,
0.2264

0.0000, 0.0000,
0.0000

58.9956, 0.3002,
0.3230

58.9956, 0.3002,
0.3230

53.6111, 0.2849,
0.3150

64.8866, 0.3155,
0.3303

48.7081, 0.2698,
0.3062

71.2933, 0.3306,
0.3368

44.2704, 0.2553,
0.2967

78.2338, 0.3453,
0.3426

40.2778, 0.2417,
0.2866

81.6136, 0.3444,
0.3487

■ 36.7086, 0.2294,
0.2760

■ 85.0473, 0.3434,
0.3547

■ 33.5385, 0.2187,
0.2650

■ 88.6014, 0.3423,
0.3606

■ 30.7403, 0.2098,
0.2539

■ 92.2769, 0.3413,
0.3664

■ 28.2821, 0.2030,
0.2428

■ 96.0750, 0.3403,
0.3721

■ 26.1176, 0.1980,
0.2319

■ 97.3838, 0.3400,
0.3740

Harmonies

Analogous

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



58.9956, 0.3020, 0.3285



58.9956, 0.3002, 0.3230



58.9956, 0.3017, 0.3192

Triad

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



58.9956, 0.3002, 0.3230



58.9956, 0.3188, 0.3238



58.9956, 0.3192, 0.3403

Complementary

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



58.9956, 0.3002, 0.3230



57.2666, 0.3261, 0.3349

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.



58.9956, 0.3238, 0.3389



58.9956, 0.3002, 0.3230



58.9956, 0.3236, 0.3294

Square

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



58.9956, 0.3002, 0.3230



58.9956, 0.3124, 0.3197



58.9956, 0.3254, 0.3348



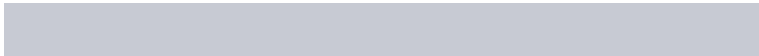
58.9956, 0.3129, 0.3386

Rectangle

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



58.9956, 0.3002, 0.3230



58.9956, 0.3044, 0.3180



58.9956, 0.3254, 0.3348



58.9956, 0.3210, 0.3401

Sweetspot

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



58.9981, 0.3002, 0.3230



98.0972, 0.3096, 0.3276



60.8258, 0.3084, 0.3437



21.0168, 0.3098, 0.3276



0.0000, 0.0000, 0.0000



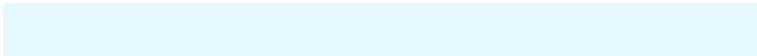
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9981, 0.3002, 0.3230



90.8122, 0.2972, 0.3215



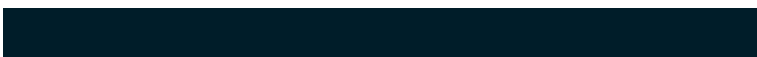
55.1257, 0.3002, 0.3129



12.7984, 0.2983, 0.3220



16.0461, 0.1976, 0.2315



1.0307, 0.2032, 0.2515

Inverse Universe

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



55.5957, 0.3174, 0.3149



84.3245, 0.3186, 0.3114



61.1718, 0.3252, 0.3446



11.9476, 0.3182, 0.3127



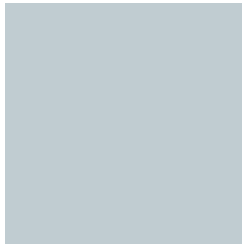
9.6911, 0.4111, 0.2038



0.5553, 0.3907, 0.1926

Previews

White Background



This preview shows how the Yxy color 58.9956, 0.3002, 0.3230 looks on a white background.

Color Contrast Check

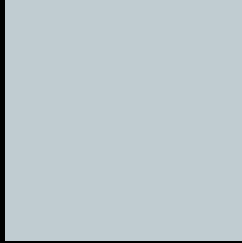
Large Text (above 18pt) WCAG AA × Fail

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 58.9956, 0.3002, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

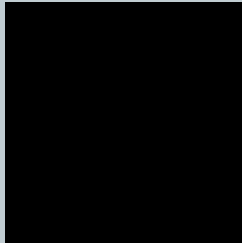
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

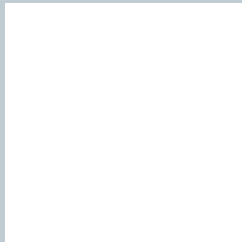
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9956, 0.3002, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 58.9956, 0.3002, 0.3230.



This preview shows how white text looks on a background with the Yxy color 58.9956, 0.3002, 0.3230.

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

58.9956, 0.3002, 0.3230

Protanopia

59.1157, 0.3107, 0.3220

Deuteranopia

58.9347, 0.3183, 0.3120



Tritanopia

59.2957, 0.2950, 0.3102

Trichromacy



Original Color

58.9956, 0.3002, 0.3230

Protanomaly

59.0745, 0.3069, 0.3219

Deuteranomaly

58.9099, 0.3118, 0.3163

Tritanomaly

58.9556, 0.2969, 0.3148

Monochromacy



Original Color

58.9956, 0.3002, 0.3230

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6065, 0.3082, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9956, 0.3002, 0.3230 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(192, 204, 209)` looks like.

```
.text, #text, p{  
    color:rgb(192, 204, 209)  
}
```

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(192, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 204, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.9956, 0.3002, 0.3230 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(192, 204, 209) }
```

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

```
.border{ border-color:rgb(192, 204, 209) }
```

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

Here you see how a box with a 4 pixel rgb(192, 204, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(192, 204,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9956, 0.3002, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 204, 209) }
```

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

```
.background{ background-color: rgb(192,  
204, 209) }
```

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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