

Converting Colors

$Yxy(60.1023, 0.2959, 0.3169)$

Have a look what the booklet for
Yxy(60.1023, 0.2959, 0.3169)
contains.

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Color

Yxy(60.3069, 0.2956, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	C0CED8
RGB	192, 206, 216
RGB Percent	75%, 81%, 85%
CMY	0.2468, 0.1922, 0.1529
CMYK	0.11, 0.05, 0.00, 0.15
HSL	205°, 24%, 80%
HSV	205°, 11%, 85%
XYZ	56.2180, 60.3069, 73.6577
YIQ	202.9540, -11.5540, 0.1420

Conversions

Conversions Part 2

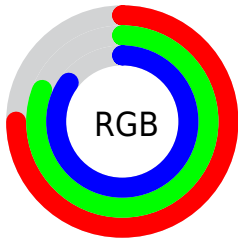
Format	Color
RYB	192, 201, 216
Decimal	12635864
CIELab	82.00, -2.72, -6.60
CIELCh	82, 7.137, 247.557
Yxy	60.3069, 0.2956, 0.3171
Android (android.graphics.Color)	4290825944 (0xFFC0CED8)
YUV	202.9540, 6.4317, -9.6067
Hunter-Lab	77.6575, -6.6806, -1.8760

Details

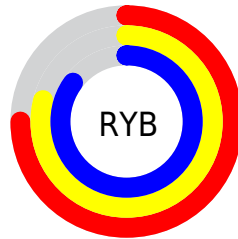
The Yxy color $60.3069, 0.2956, 0.3171$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.6994, 0.3310, 0.3406$, and the grayscale version is $59.6627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6965, 0.3084, 0.3290$, and $30.4330, 0.2911, 0.3148$ is the 20% darker color. If you saturate the color by 10%, you get $53.4598, 0.2798, 0.3051$, and if you desaturate by 10%, it is $67.8239, 0.3111, 0.3279$.

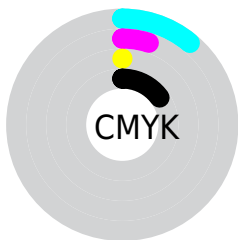
Distribution



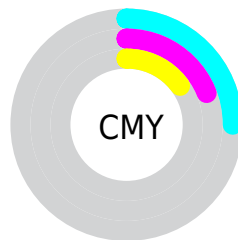
- Red (75%)
- Green (81%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3069, 0.2956, 0.3171 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 60.3069, 0.2956, 0.3171 by changing the saturation by 10% instead.

■ 60.3069, 0.2956,
0.3171

■ 60.3069, 0.2956,
0.3171

425.7281, 0.3038,
0.3228

■ 43.6661, 0.2937,
0.3157

■ 105.2747, 0.2985,
0.3191

■ 30.4081, 0.2913,
0.3140

134.3705, 0.2996,
0.3199

■ 20.1485, 0.2882,
0.3118

168.3867, 0.3005,
0.3206

■ 12.5031, 0.2840,
0.3088

207.7078, 0.3013,
0.3212

■ 7.0873, 0.2782,
0.3045

252.7180, 0.3021,
0.3217

■ 3.5167, 0.2693,
0.2980

303.8019, 0.3027,

■ 1.4071, 0.2546,

0.3221

0.2868

361.3438, 0.3033,
0.3225

0.2219, 0.1351,
0.2076

0.0000, 0.0000,
0.0000

60.3069, 0.2956,
0.3171

60.3069, 0.2956,
0.3171

53.4598, 0.2798,
0.3051

67.8239, 0.3111,
0.3279

47.2529, 0.2640,
0.2920

76.0241, 0.3260,
0.3375

41.6652, 0.2485,
0.2778

84.5735, 0.3389,
0.3461

36.6713, 0.2337,
0.2626

89.8336, 0.3376,
0.3549

■ 32.2438, 0.2200,
0.2467

■ 95.3604, 0.3363,
0.3635

■ 28.3525, 0.2080,
0.2304

■ 97.7391, 0.3357,
0.3671

■ 24.9632, 0.1979,
0.2141

■ 22.0360, 0.1899,
0.1980

■ 19.7593, 0.1845,
0.1841

Harmonies

Analogous

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



60.3069, 0.2956, 0.3238



60.3069, 0.2956, 0.3171



60.3069, 0.3001, 0.3137

Triad

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



60.3069, 0.2956, 0.3171



60.3069, 0.3254, 0.3258



60.3069, 0.3172, 0.3443

Complementary

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



60.3069, 0.2956, 0.3171



60.6994, 0.3310, 0.3406

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.



60.3069, 0.3254, 0.3446



60.3069, 0.2956, 0.3171



60.3069, 0.3302, 0.3338

Square

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



60.3069, 0.2956, 0.3171



60.3069, 0.3173, 0.3187



60.3069, 0.3301, 0.3407



60.3069, 0.3080, 0.3397

Rectangle

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



60.3069, 0.2956, 0.3171



60.3069, 0.3051, 0.3136



60.3069, 0.3301, 0.3407



60.3069, 0.3202, 0.3449

Sweetspot

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



60.3094, 0.2956, 0.3171



96.5501, 0.3081, 0.3259



64.6047, 0.3048, 0.3456



20.4716, 0.3069, 0.3250



0.0000, 0.0000, 0.0000



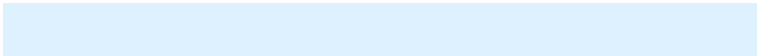
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3094, 0.2956, 0.3171



85.7031, 0.2924, 0.3148



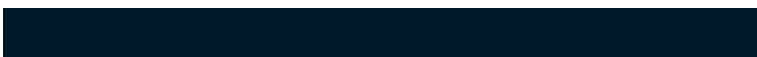
54.7841, 0.2954, 0.3027



13.1954, 0.2982, 0.3190



11.9105, 0.1851, 0.1865



0.8804, 0.1927, 0.2136

Inverse Universe

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



56.7851, 0.3216, 0.3131



79.7805, 0.3234, 0.3100



66.5174, 0.3294, 0.3540



12.5406, 0.3201, 0.3155



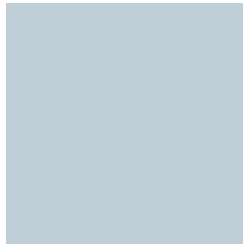
9.5472, 0.4608, 0.2312



0.5922, 0.4302, 0.2143

Previews

White Background



This preview shows how the Yxy color 60.3069, 0.2956, 0.3171 looks on a white background.

Color Contrast Check

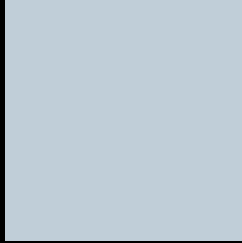
Large Text (above 18pt) WCAG AA × Fail

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 60.3069, 0.2956, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

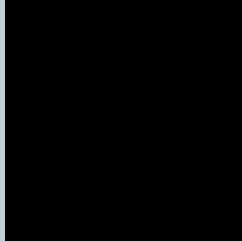
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

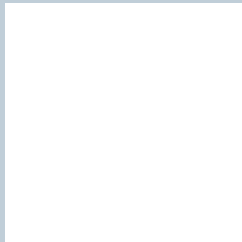
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3069, 0.2956, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 60.3069, 0.2956, 0.3171.



This preview shows how white text looks on a background with the Yxy color 60.3069, 0.2956, 0.3171.

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

60.3069, 0.2956, 0.3171

Protanopia

59.9335, 0.3058, 0.3151

Deuteranopia

60.2018, 0.3130, 0.3066



Tritanopia

60.2206, 0.2930, 0.3102

Trichromacy



Original Color

60.3069, 0.2956, 0.3171

Protanomaly

59.8975, 0.3021, 0.3150

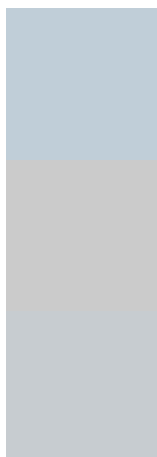
Deuteranomaly

60.1929, 0.3067, 0.3107

Tritanomaly

60.1146, 0.2943, 0.3125

Monochromacy



Original Color

60.3069, 0.2956, 0.3171

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8819, 0.3061, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3069, 0.2956, 0.3171 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, 206, 216)` looks like.

```
.text, #text, p{  
    color:rgb(192, 206, 216)  
}
```

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, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 206, 216) }
```

Border

The CSS property to change the border of an element to Yxy 60.3069, 0.2956, 0.3171 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, 206, 216) }
```

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

```
.border{ border-color:rgb(192, 206, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 206, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(192, 206,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3069, 0.2956, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 206, 216) }
```

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

```
.background{ background-color: rgb(192,  
206, 216) }
```

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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