

Converting Colors

$Yxy(63.2379, 0.2942, 0.3197)$

Have a look what the booklet for
Yxy(63.2379, 0.2942, 0.3197)
contains.

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Color

Yxy(63.0405, 0.2944, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	C1D3DB
RGB	193, 211, 219
RGB Percent	76%, 83%, 86%
CMY	0.2432, 0.1725, 0.1411
CMYK	0.12, 0.04, 0.00, 0.14
HSL	198°, 27%, 81%
HSV	198°, 12%, 86%
XYZ	58.0698, 63.0405, 76.1378
YIQ	206.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

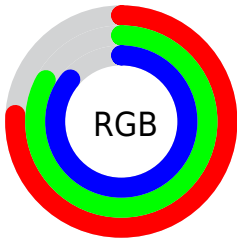
Format	Color
R _Y B	193, 204, 219
Decimal	12702683
CIE Lab	83.46, -4.45, -6.03
CIE LCh	83, 7.496, 233.544
Yxy	63.0405, 0.2944, 0.3196
Android (android.graphics.Color)	4290892763 (0xFFC1D3DB)
YUV	206.5300, 6.1477, -11.8658
Hunter-Lab	79.3980, -8.3959, -1.2768

Details

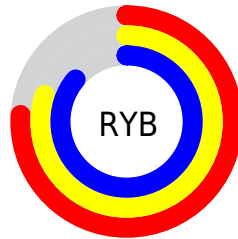
The Yxy color **63.0405, 0.2944, 0.3196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6792, 0.3329, 0.3382**, and the grayscale version is **62.0448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **32.2832, 0.2897, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **57.0975, 0.2790, 0.3108**, and if you desaturate by 10%, it is **69.5552, 0.3098, 0.3276**.

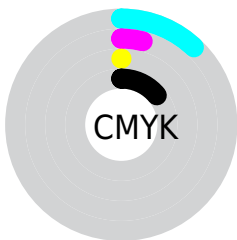
Distribution



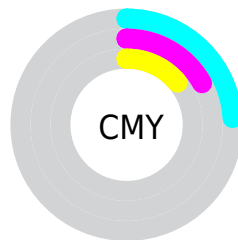
- Red (76%)
- Green (83%)
- Blue (86%)



- Red (76%)
- Yellow (80%)
- Blue (86%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0405, 0.2944, 0.3196 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 63.0405, 0.2944, 0.3196 by changing the saturation by 10% instead.

■ 63.0405, 0.2944,
0.3196

■ 63.0405, 0.2944,
0.3196

435.7165, 0.3031,
0.3241

■ 45.8740, 0.2924,
0.3185

■ 109.2279, 0.2974,
0.3212

■ 32.1464, 0.2899,
0.3172

139.0176, 0.2986,
0.3218

■ 21.4733, 0.2866,
0.3154

173.7839, 0.2996,
0.3223

■ 13.4704, 0.2823,
0.3131

213.9110, 0.3005,
0.3228

■ 7.7533, 0.2763,
0.3097

259.7834, 0.3012,
0.3232

■ 3.9375, 0.2674,
0.3047

311.7855, 0.3019,

■ 1.6387, 0.2528,

0.3235

0.2960

370.3018, 0.3025,
0.3238

0.3835, 0.1730,
0.2594

0.0000, 0.0000,
0.0000

63.0405, 0.2944,
0.3196

63.0405, 0.2944,
0.3196

57.0975, 0.2790,
0.3108

69.5552, 0.3098,
0.3276

51.6981, 0.2640,
0.3012

76.6531, 0.3250,
0.3348

46.8231, 0.2496,
0.2909

83.6497, 0.3372,
0.3412

42.4489, 0.2362,
0.2800

87.4982, 0.3363,
0.3478

■ 38.5499, 0.2243,
0.2686

■ 91.4935, 0.3353,
0.3543

■ 35.0975, 0.2140,
0.2569

■ 95.6371, 0.3344,
0.3607

■ 32.0592, 0.2057,
0.2452

■ 97.8955, 0.3339,
0.3641

■ 29.3961, 0.1995,
0.2335

■ 27.4607, 0.1956,
0.2242

Harmonies

Analogous

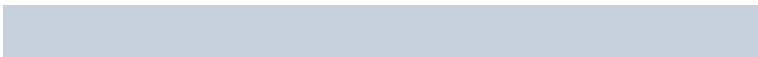
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.0405, 0.2967, 0.3276



63.0405, 0.2944, 0.3196



63.0405, 0.2970, 0.3143

Triad

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



63.0405, 0.2944, 0.3196



63.0405, 0.3223, 0.3220



63.0405, 0.3216, 0.3456

Complementary

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



63.0405, 0.2944, 0.3196



60.6792, 0.3329, 0.3382

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.



63.0405, 0.3287, 0.3437



63.0405, 0.2944, 0.3196



63.0405, 0.3290, 0.3301

Square

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



63.0405, 0.2944, 0.3196



63.0405, 0.3130, 0.3158



63.0405, 0.3314, 0.3380



63.0405, 0.3123, 0.3428

Rectangle

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



63.0405, 0.2944, 0.3196



63.0405, 0.3011, 0.3129



63.0405, 0.3314, 0.3380



63.0405, 0.3243, 0.3455

Sweetspot

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



63.0431, 0.2944, 0.3196



96.1312, 0.3065, 0.3259



66.2147, 0.3062, 0.3505



20.4235, 0.3054, 0.3254



0.0000, 0.0000, 0.0000



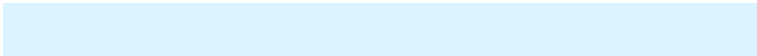
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0431, 0.2944, 0.3196



87.0400, 0.2910, 0.3177



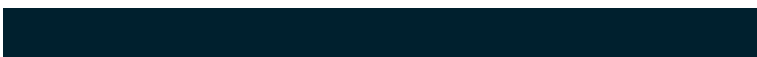
56.9226, 0.2941, 0.3043



14.1185, 0.2982, 0.3216



16.4820, 0.1961, 0.2259



1.2178, 0.2013, 0.2447

Inverse Universe

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



57.8962, 0.3201, 0.3086



78.6126, 0.3216, 0.3047



66.9098, 0.3311, 0.3525



13.2031, 0.3184, 0.3129



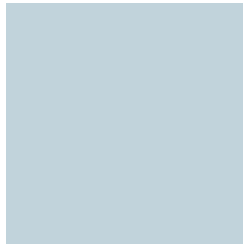
10.2876, 0.4169, 0.2070



0.6816, 0.3975, 0.1963

Previews

White Background



This preview shows how the Yxy color 63.0405, 0.2944, 0.3196 looks on a white background.

Color Contrast Check

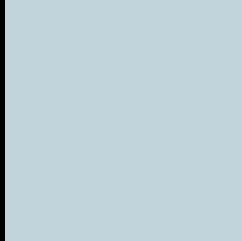
Large Text (above 18pt) WCAG AA × Fail

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 63.0405, 0.2944, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

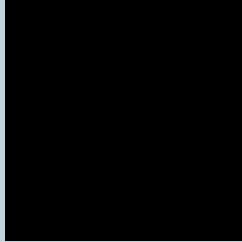
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

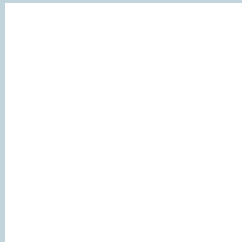
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0405, 0.2944, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 63.0405, 0.2944, 0.3196.



This preview shows how white text looks on a background with the Yxy color 63.0405, 0.2944, 0.3196.

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

63.0405, 0.2944, 0.3196

Protanopia

63.1388, 0.3080, 0.3188

Deuteranopia

62.9911, 0.3145, 0.3081



Tritanopia

63.0535, 0.2906, 0.3105

Trichromacy



Original Color

63.0405, 0.2944, 0.3196

Protanomaly

62.8180, 0.3029, 0.3186

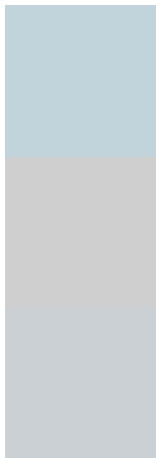
Deuteranomaly

62.6788, 0.3068, 0.3121

Tritanomaly

62.8902, 0.2925, 0.3139

Monochromacy



Original Color

63.0405, 0.2944, 0.3196

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3715, 0.3062, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0405, 0.2944, 0.3196 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(193, 211, 219)` looks like.

```
.text, #text, p{  
    color:rgb(193, 211, 219)  
}
```

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(193, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 211, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.0405, 0.2944, 0.3196 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(193, 211, 219) }
```

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

```
.border{ border-color:rgb(193, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(193, 211,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0405, 0.2944, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 211, 219) }
```

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

```
.background{ background-color: rgb(193,  
211, 219) }
```

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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