

Converting Colors

$Yxy(65.5089, 0.2967, 0.3246)$

Have a look what the booklet for
Yxy(65.5089, 0.2967, 0.3246)
contains.

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Color

Yxy(65.4511, 0.2966, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	C4D7DB
RGB	196, 215, 219
RGB Percent	77%, 84%, 86%
CMY	0.2312, 0.1569, 0.1411
CMYK	0.10, 0.02, 0.00, 0.14
HSL	191°, 24%, 81%
HSV	191°, 10%, 86%
XYZ	59.8606, 65.4511, 76.5110
YIQ	209.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

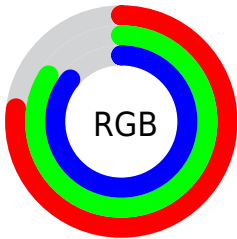
Format	Color
R _Y B	196, 206, 219
Decimal	12900315
CIE Lab	84.72, -5.53, -4.16
CIE LCh	85, 6.923, 216.937
Yxy	65.4511, 0.2966, 0.3243
Android (android.graphics.Color)	4291090395 (0xFFC4D7DB)
YUV	209.7750, 4.5479, -12.0807
Hunter-Lab	80.9019, -9.5032, 0.5592

Details

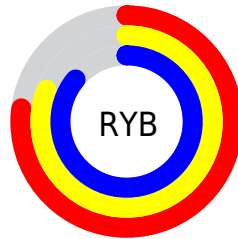
The Yxy color **65.4511, 0.2966, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3903, 0.3307, 0.3337**, and the grayscale version is **64.2752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **33.5727, 0.2926, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **60.7947, 0.2816, 0.3194**, and if you desaturate by 10%, it is **70.5877, 0.3120, 0.3288**.

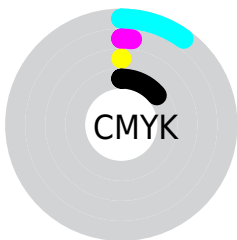
Distribution



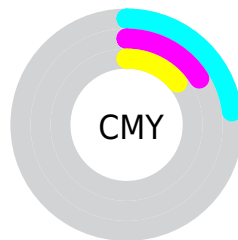
- Red (77%)
- Green (84%)
- Blue (86%)



- Red (77%)
- Yellow (81%)
- Blue (86%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4511, 0.2966, 0.3243 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 65.4511, 0.2966, 0.3243 by changing the saturation by 10% instead.

■ 65.4511, 0.2966,
0.3243

■ 65.4511, 0.2966,
0.3243

444.4113, 0.3042,
0.3266

■ 47.8270, 0.2948,
0.3238

112.6982, 0.2993,
0.3251

■ 33.6899, 0.2927,
0.3231

143.0898, 0.3003,
0.3254

■ 22.6555, 0.2899,
0.3222

178.5062, 0.3012,
0.3257

■ 14.3393, 0.2861,
0.3210

219.3316, 0.3019,
0.3259

■ 8.3570, 0.2810,
0.3193

265.9503, 0.3026,
0.3261

■ 4.3242, 0.2734,
0.3167

318.7470, 0.3032,

■ 1.8565, 0.2611,

0.3263

0.3123

378.1058, 0.3037,
0.3264

■ 0.5221, 0.2072,
0.2996

■ 0.0000, 0.0000,
0.0000

■ 65.4511, 0.2966,
0.3243

■ 65.4511, 0.2966,
0.3243

■ 60.7947, 0.2816,
0.3194

■ 70.5877, 0.3120,
0.3288

■ 56.5914, 0.2673,
0.3141

■ 76.2139, 0.3274,
0.3328

■ 52.8238, 0.2541,
0.3084

■ 81.0475, 0.3379,
0.3366

■ 49.4701, 0.2421,
0.3025

■ 83.1655, 0.3373,
0.3404

46.5064, 0.2317,
0.2963

85.3307, 0.3368,
0.3442

43.9061, 0.2231,
0.2900

87.5432, 0.3363,
0.3479

41.6389, 0.2165,
0.2836

89.8034, 0.3357,
0.3516

39.6686, 0.2118,
0.2773

92.1116, 0.3352,
0.3553

38.0114, 0.2087,
0.2714

94.4681, 0.3347,
0.3590

Harmonies

Analogous

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



65.4511, 0.3009, 0.3322



65.4511, 0.2966, 0.3243



65.4511, 0.2965, 0.3179

Triad

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



65.4511, 0.2966, 0.3243



65.4511, 0.3169, 0.3191



65.4511, 0.3248, 0.3437

Complementary

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



65.4511, 0.2966, 0.3243



60.3903, 0.3307, 0.3337

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.



65.4511, 0.3292, 0.3399



65.4511, 0.2966, 0.3243



65.4511, 0.3246, 0.3258

Square

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



65.4511, 0.2966, 0.3243



65.4511, 0.3081, 0.3150



65.4511, 0.3291, 0.3334



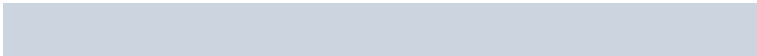
65.4511, 0.3172, 0.3435

Rectangle

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



65.4511, 0.2966, 0.3243



65.4511, 0.2989, 0.3152



65.4511, 0.3291, 0.3334



65.4511, 0.3267, 0.3428

Sweetspot

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



65.4538, 0.2966, 0.3243



97.7251, 0.3080, 0.3277



66.5797, 0.3089, 0.3515



20.7894, 0.3068, 0.3273



0.0000, 0.0000, 0.0000



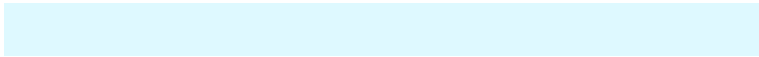
21.4041, 0.3127, 0.3290

Same Dimension

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



65.4538, 0.2966, 0.3243



90.5938, 0.2926, 0.3231



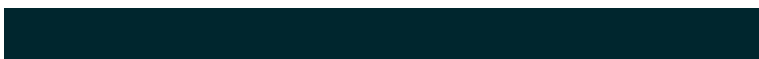
59.8992, 0.2964, 0.3110



14.4209, 0.2982, 0.3248



22.6778, 0.2090, 0.2723



1.5733, 0.2118, 0.2825

Inverse Universe

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



59.4661, 0.3169, 0.3077



80.2742, 0.3180, 0.3023



65.8189, 0.3293, 0.3463



13.2336, 0.3164, 0.3099



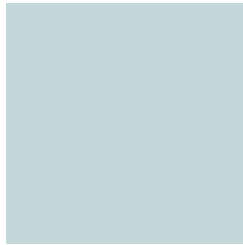
10.9131, 0.3706, 0.1815



0.7175, 0.3611, 0.1763

Previews

White Background



This preview shows how the Yxy color 65.4511, 0.2966, 0.3243 looks on a white background.

Color Contrast Check

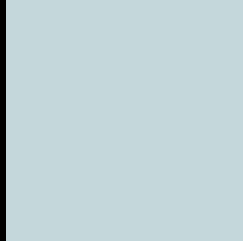
Large Text (above 18pt) WCAG AA × Fail

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 65.4511, 0.2966, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

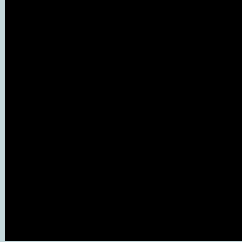
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

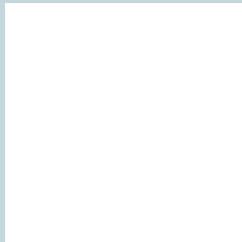
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4511, 0.2966, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 65.4511, 0.2966, 0.3243.

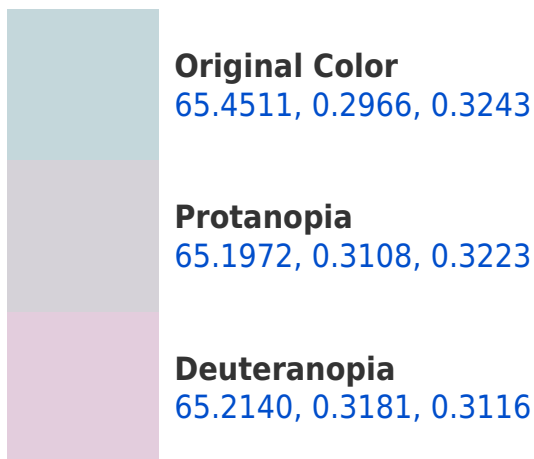


This preview shows how white text looks on a background with the Yxy color 65.4511, 0.2966, 0.3243.

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

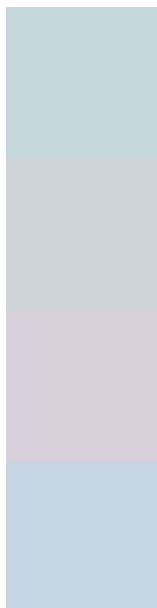




Tritanopia

65.3074, 0.2910, 0.3096

Trichromacy



Original Color

65.4511, 0.2966, 0.3243

Protanomaly

65.3621, 0.3057, 0.3233

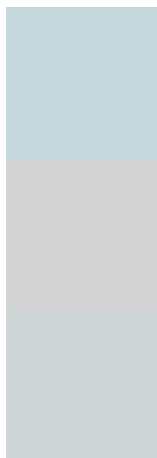
Deuteranomaly

65.3672, 0.3103, 0.3168

Tritanomaly

65.4544, 0.2928, 0.3152

Monochromacy



Original Color

65.4511, 0.2966, 0.3243

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8702, 0.3069, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4511, 0.2966, 0.3243 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(196, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 215, 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(196, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 215, 219) }
```

Border

The CSS property to change the border of an element to Yxy 65.4511, 0.2966, 0.3243 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(196, 215, 219) }
```

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

```
.border{ border-color:rgb(196, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(196, 215,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4511, 0.2966, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 215, 219) }
```

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

```
.background{ background-color: rgb(196,  
215, 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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