

Converting Colors

$Yxy(65.0764, 0.2975, 0.3200)$

Have a look what the booklet for
Yxy(65.0764, 0.2975, 0.3200)
contains.

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Color

Yxy(64.9511, 0.2974, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	C7D5DD
RGB	199, 213, 221
RGB Percent	78%, 84%, 87%
CMY	0.2195, 0.1647, 0.1334
CMYK	0.10, 0.04, 0.00, 0.13
HSL	202°, 24%, 82%
HSV	202°, 10%, 87%
XYZ	60.4017, 64.9511, 77.7463
YIQ	209.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

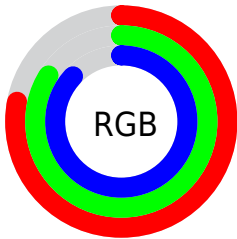
Format	Color
R_{YB}	199, 208, 221
Decimal	13096413
CIE _{Lab}	84.46, -3.14, -5.56
CIE _{LCh}	84, 6.380, 240.541
Yxy	64.9511, 0.2974, 0.3198
Android (android.graphics.Color)	4291286493 (0xFFC7D5DD)
YUV	209.7260, 5.5581, -9.4067
Hunter-Lab	80.5922, -7.2556, -0.7818

Details

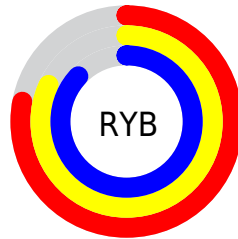
The Yxy color **64.9511, 0.2974, 0.3198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1248, 0.3292, 0.3380**, and the grayscale version is **64.2316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2266, 0.2935, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **58.2043, 0.2818, 0.3096**, and if you desaturate by 10%, it is **72.3426, 0.3128, 0.3291**.

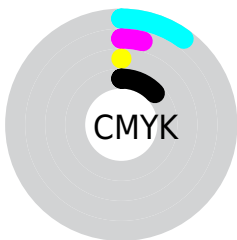
Distribution



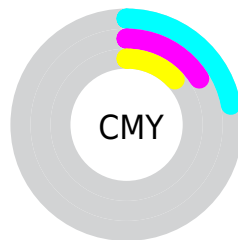
- Red (78%)
- Green (84%)
- Blue (87%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9511, 0.2974, 0.3198 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 64.9511, 0.2974, 0.3198 by changing the saturation by 10% instead.

■ 64.9511, 0.2974,
0.3198

■ 64.9511, 0.2974,
0.3198

442.6162, 0.3046,
0.3242

■ 47.4214, 0.2957,
0.3188

111.9796, 0.2999,
0.3213

■ 33.3689, 0.2936,
0.3175

142.2471, 0.3009,
0.3219

■ 22.4092, 0.2910,
0.3158

177.5294, 0.3017,
0.3224

■ 14.1579, 0.2874,
0.3136

218.2109, 0.3025,
0.3229

■ 8.2306, 0.2825,
0.3105

264.6759, 0.3031,
0.3233

■ 4.2428, 0.2752,
0.3058

317.3089, 0.3037,

■ 1.8103, 0.2634,

0.3236

0.2980

376.4942, 0.3042,
0.3239

0.4936, 0.2166,
0.2724

0.0000, 0.0000,
0.0000

64.9511, 0.2974,
0.3198

64.9511, 0.2974,
0.3198

58.2043, 0.2818,
0.3096

72.3426, 0.3128,
0.3291

52.0723, 0.2663,
0.2983

80.3910, 0.3278,
0.3373

46.5347, 0.2512,
0.2862

87.1080, 0.3351,
0.3450

41.5666, 0.2370,
0.2732

91.8682, 0.3340,
0.3528

■ 37.1411, 0.2239,
0.2596

■ 96.8395, 0.3330,
0.3604

■ 33.2282, 0.2125,
0.2457

■ 97.9995, 0.3328,
0.3621

■ 29.7943, 0.2030,
0.2315

■ 26.7999, 0.1955,
0.2176

■ 24.1781, 0.1900,
0.2039

Harmonies

Analogous

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



64.9511, 0.2984, 0.3262



64.9511, 0.2974, 0.3198



64.9511, 0.3005, 0.3160

Triad

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



64.9511, 0.2974, 0.3198



64.9511, 0.3224, 0.3246



64.9511, 0.3185, 0.3427

Complementary

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



64.9511, 0.2974, 0.3198



64.1248, 0.3292, 0.3380

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.



64.9511, 0.3250, 0.3421



64.9511, 0.2974, 0.3198



64.9511, 0.3273, 0.3316

Square

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



64.9511, 0.2974, 0.3198



64.9511, 0.3148, 0.3188



64.9511, 0.3283, 0.3380



64.9511, 0.3105, 0.3396

Rectangle

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



64.9511, 0.2974, 0.3198



64.9511, 0.3044, 0.3154



64.9511, 0.3283, 0.3380



64.9511, 0.3209, 0.3430

Sweetspot

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



64.9538, 0.2974, 0.3198



96.8160, 0.3081, 0.3263



68.3403, 0.3065, 0.3455



20.5435, 0.3068, 0.3256



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.



64.9538, 0.2974, 0.3198



87.7569, 0.2940, 0.3177



59.7574, 0.2973, 0.3073



13.9919, 0.2982, 0.3203



14.2609, 0.1905, 0.2059



1.0856, 0.1967, 0.2283

Inverse Universe

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



61.0332, 0.3197, 0.3134



81.3106, 0.3214, 0.3099



69.4758, 0.3278, 0.3498



13.1903, 0.3193, 0.3142



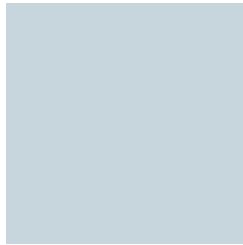
10.0634, 0.4386, 0.2190



0.6683, 0.4145, 0.2057

Previews

White Background



This preview shows how the Yxy color 64.9511, 0.2974, 0.3198 looks on a white background.

Color Contrast Check

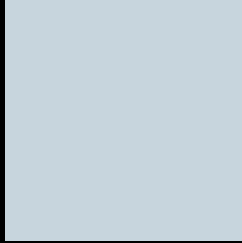
Large Text (above 18pt) WCAG AA × Fail

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 64.9511, 0.2974, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

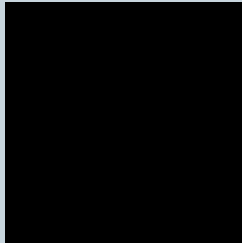
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

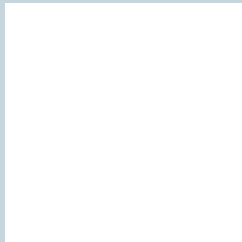
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9511, 0.2974, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 64.9511, 0.2974, 0.3198.



This preview shows how white text looks on a background with the Yxy color 64.9511, 0.2974, 0.3198.

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

64.9511, 0.2974, 0.3198

Protanopia

64.7125, 0.3081, 0.3178

Deuteranopia

64.5210, 0.3152, 0.3083



Tritanopia

65.0235, 0.2929, 0.3097

Trichromacy



Original Color

64.9511, 0.2974, 0.3198

Protanomaly

64.5259, 0.3037, 0.3176

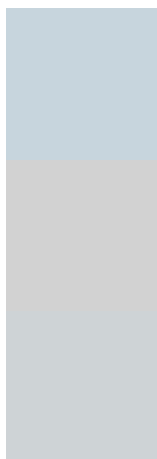
Deuteranomaly

64.4985, 0.3090, 0.3123

Tritanomaly

64.8573, 0.2948, 0.3130

Monochromacy



Original Color

64.9511, 0.2974, 0.3198

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5654, 0.3070, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9511, 0.2974, 0.3198 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(199, 213, 221)` looks like.

```
.text, #text, p{  
    color:rgb(199, 213, 221)  
}
```

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(199, 213, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 221) }
```

Border

The CSS property to change the border of an element to Yxy 64.9511, 0.2974, 0.3198 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(199, 213, 221) }
```

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

```
.border{ border-color:rgb(199, 213, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 213, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 213, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 213, 221);  
box-shadow:4px 4px 4px 4px rgb(199, 213,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9511, 0.2974, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 213, 221) }
```

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

```
.background{ background-color: rgb(199,  
213, 221) }
```

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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