

Converting Colors

$Yxy(65.2374, 0.2954, 0.3198)$

Have a look what the booklet for
Yxy(65.2374, 0.2954, 0.3198)
contains.

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Color

Yxy(65.2374, 0.2954, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	C5D6DE
RGB	197, 214, 222
RGB Percent	77%, 84%, 87%
CMY	0.2273, 0.1608, 0.1296
CMYK	0.11, 0.04, 0.00, 0.13
HSL	199°, 27%, 82%
HSV	199°, 11%, 87%
XYZ	60.2599, 65.2374, 78.4970
YIQ	209.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

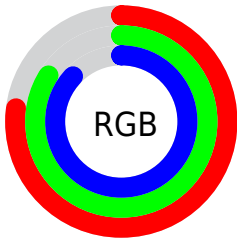
Format	Color
R _Y B	197, 207, 222
Decimal	12965598
CIE Lab	84.61, -4.11, -5.87
CIE LCh	85, 7.170, 235.026
Yxy	65.2374, 0.2954, 0.3198
Android (android.graphics.Color)	4291155678 (0xFFC5D6DE)
YUV	209.8290, 6.0003, -11.2510
Hunter-Lab	80.7697, -8.1732, -1.0830

Details

The Yxy color **65.2374, 0.2954, 0.3198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2196, 0.3317, 0.3380**, and the grayscale version is **64.3007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **33.4259, 0.2909, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **58.9485, 0.2800, 0.3107**, and if you desaturate by 10%, it is **72.1292, 0.3108, 0.3280**.

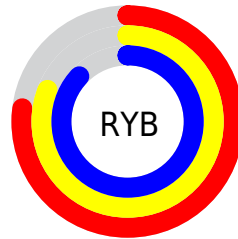
Distribution



Red (77%)

Green (84%)

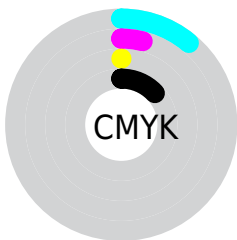
Blue (87%)



Red (77%)

Yellow (81%)

Blue (87%)

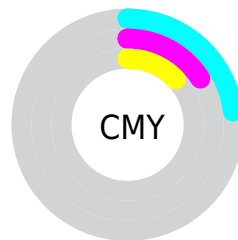


Cyan (11%)

Magenta (4%)

Yellow (0%)

Black (13%)



Cyan (23%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2374, 0.2954, 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 65.2374, 0.2954, 0.3198 by changing the saturation by 10% instead.

■ 65.2374, 0.2954,
0.3198

■ 65.2374, 0.2954,
0.3198

443.6446, 0.3035,
0.3242

■ 47.6536, 0.2935,
0.3188

112.3911, 0.2982,
0.3214

■ 33.5527, 0.2912,
0.3175

142.7298, 0.2993,
0.3219

■ 22.5501, 0.2882,
0.3158

178.0889, 0.3003,
0.3225

■ 14.2617, 0.2842,
0.3135

218.8528, 0.3011,
0.3229

■ 8.3029, 0.2787,
0.3104

265.4060, 0.3018,
0.3233

■ 4.2894, 0.2705,
0.3057

318.1327, 0.3025,

■ 1.8367, 0.2573,

0.3236

0.2977

377.4175, 0.3030,
0.3239

0.5099, 0.2066,
0.2741

0.0000, 0.0000,
0.0000

65.2374, 0.2954,
0.3198

65.2374, 0.2954,
0.3198

58.9485, 0.2800,
0.3107

72.1292, 0.3108,
0.3280

53.2332, 0.2648,
0.3008

79.6358, 0.3260,
0.3354

48.0716, 0.2502,
0.2901

86.1060, 0.3347,
0.3423

43.4393, 0.2366,
0.2787

90.2544, 0.3338,
0.3492

■ 39.3097, 0.2244,
0.2669

■ 94.5667, 0.3329,
0.3559

■ 35.6533, 0.2139,
0.2547

■ 98.0520, 0.3322,
0.3612

■ 32.4365, 0.2052,
0.2424

■ 29.6195, 0.1987,
0.2303

■ 27.4207, 0.1944,
0.2198

Harmonies

Analogous

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



65.2374, 0.2973, 0.3273



65.2374, 0.2954, 0.3198



65.2374, 0.2980, 0.3149

Triad

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



65.2374, 0.2954, 0.3198



65.2374, 0.3221, 0.3227



65.2374, 0.3207, 0.3446

Complementary

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



65.2374, 0.2954, 0.3198



63.2196, 0.3317, 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.



65.2374, 0.3275, 0.3431



65.2374, 0.2954, 0.3198



65.2374, 0.3284, 0.3304

Square

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



65.2374, 0.2954, 0.3198



65.2374, 0.3134, 0.3167



65.2374, 0.3304, 0.3379



65.2374, 0.3119, 0.3418

Rectangle

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



65.2374, 0.2954, 0.3198



65.2374, 0.3021, 0.3138



65.2374, 0.3304, 0.3379



65.2374, 0.3233, 0.3446

Sweetspot

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



65.2401, 0.2954, 0.3198



97.0283, 0.3081, 0.3266



68.5030, 0.3063, 0.3487



20.6008, 0.3068, 0.3260



0.0000, 0.0000, 0.0000



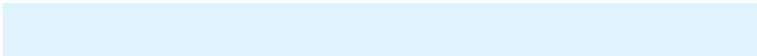
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2401, 0.2954, 0.3198



87.6736, 0.2925, 0.3182



59.2036, 0.2952, 0.3053



14.7952, 0.2982, 0.3213



16.5019, 0.1949, 0.2215



1.3032, 0.2000, 0.2401

Inverse Universe

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



60.3277, 0.3199, 0.3101



79.9794, 0.3212, 0.3069



69.3858, 0.3300, 0.3517



13.8572, 0.3186, 0.3132



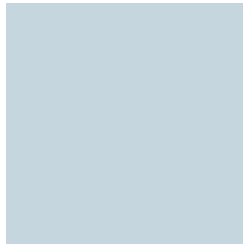
10.5739, 0.4216, 0.2096



0.7490, 0.4022, 0.1990

Previews

White Background



This preview shows how the Yxy color 65.2374, 0.2954, 0.3198 looks on a white background.

Color Contrast Check

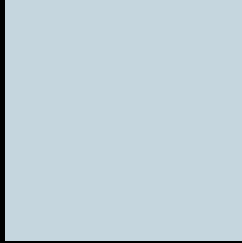
Large Text (above 18pt) WCAG AA × Fail

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 65.2374, 0.2954, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

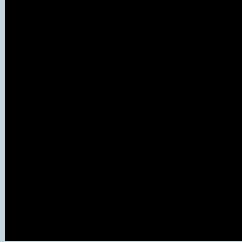
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

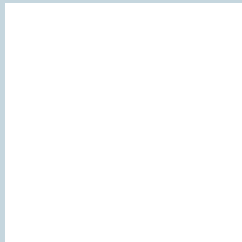
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2374, 0.2954, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 65.2374, 0.2954, 0.3198.

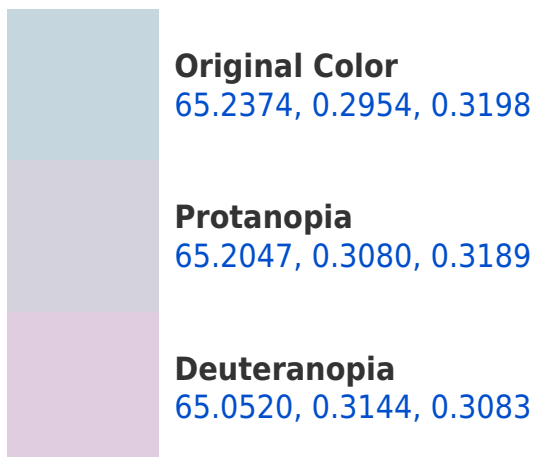


This preview shows how white text looks on a background with the Yxy color 65.2374, 0.2954, 0.3198.

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





Tritanopia

65.3074, 0.2910, 0.3096

Trichromacy



Original Color

65.2374, 0.2954, 0.3198

Protanomaly

65.0212, 0.3037, 0.3188

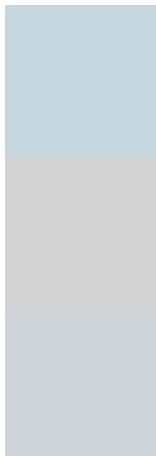
Deuteranomaly

64.8865, 0.3076, 0.3123

Tritanomaly

65.1403, 0.2928, 0.3130

Monochromacy



Original Color

65.2374, 0.2954, 0.3198

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4227, 0.3063, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2374, 0.2954, 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(197, 214, 222)` looks like.

```
.text, #text, p{  
    color:rgb(197, 214, 222)  
}
```

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(197, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 214, 222) }
```

Border

The CSS property to change the border of an element to Yxy 65.2374, 0.2954, 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(197, 214, 222) }
```

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

```
.border{ border-color:rgb(197, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(197, 214,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2374, 0.2954, 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(197, 214, 222) }
```

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

```
.background{ background-color: rgb(197,  
214, 222) }
```

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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