

Converting Colors

$Yxy(65.2289, 0.2934, 0.3152)$

Have a look what the booklet for
Yxy(65.2289, 0.2934, 0.3152)
contains.

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Color

Yxy(64.9498, 0.2928, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	C5D5E2
RGB	197, 213, 226
RGB Percent	77%, 84%, 89%
CMY	0.2275, 0.1647, 0.1138
CMYK	0.13, 0.06, 0.00, 0.11
HSL	207°, 33%, 83%
HSV	207°, 13%, 89%
XYZ	60.5454, 64.9498, 81.2855
YIQ	209.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

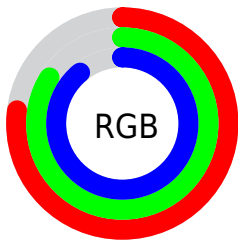
Format	Color
R_{YB}	197, 207, 226
Decimal	12965346
CIE _{Lab}	84.46, -2.79, -8.23
CIE _{LCh}	84, 8.690, 251.244
Yxy	64.9498, 0.2928, 0.3141
Android (android.graphics.Color)	4291155426 (0xFFC5D5E2)
YUV	209.6980, 8.0369, -11.1361
Hunter-Lab	80.5914, -6.9346, -3.3866

Details

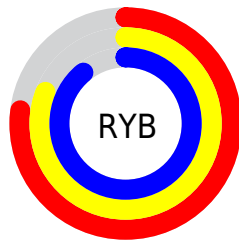
The Yxy color **64.9498, 0.2928, 0.3141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2797, 0.3341, 0.3435**, and the grayscale version is **64.1945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **33.2336, 0.2876, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **57.1944, 0.2768, 0.3010**, and if you desaturate by 10%, it is **73.4855, 0.3084, 0.3259**.

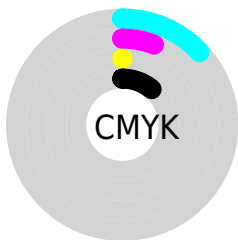
Distribution



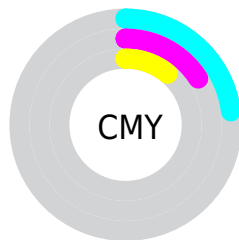
- Red (77%)
- Green (84%)
- Blue (89%)



- Red (77%)
- Yellow (81%)
- Blue (89%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9498, 0.2928, 0.3141 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 64.9498, 0.2928, 0.3141 by changing the saturation by 10% instead.

■ 64.9498, 0.2928,
0.3141

■ 64.9498, 0.2928,
0.3141

442.6116, 0.3022,
0.3212

■ 47.4204, 0.2906,
0.3124

111.9777, 0.2961,
0.3166

■ 33.3681, 0.2879,
0.3104

142.2449, 0.2973,
0.3175

■ 22.4086, 0.2845,
0.3077

177.5269, 0.2984,
0.3184

■ 14.1574, 0.2799,
0.3042

218.2080, 0.2994,
0.3191

■ 8.2302, 0.2736,
0.2992

264.6726, 0.3002,
0.3197

■ 4.2426, 0.2642,
0.2918

317.3052, 0.3009,

■ 1.8102, 0.2492,

0.3203

0.2796

376.4900, 0.3016,
0.3207

0.4935, 0.1990,
0.2449

0.0000, 0.0000,
0.0000

64.9498, 0.2928,
0.3141

64.9498, 0.2928,
0.3141

57.1944, 0.2768,
0.3010

73.4855, 0.3084,
0.3259

50.1851, 0.2608,
0.2867

82.8181, 0.3234,
0.3364

43.8970, 0.2451,
0.2712

91.0682, 0.3311,
0.3461

38.3003, 0.2300,
0.2546

97.3043, 0.3299,
0.3558

■ 33.3627, 0.2162,
0.2374

■ 98.2702, 0.3298,
0.3572

■ 29.0485, 0.2040,
0.2199

■ 25.3172, 0.1938,
0.2023

■ 22.1213, 0.1860,
0.1853

■ 20.1075, 0.1816,
0.1736

Harmonies

Analogous

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



64.9498, 0.2921, 0.3217



64.9498, 0.2928, 0.3141



64.9498, 0.2987, 0.3106

Triad

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



64.9498, 0.2928, 0.3141



64.9498, 0.3288, 0.3263



64.9498, 0.3167, 0.3468

Complementary

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



64.9498, 0.2928, 0.3141



66.2797, 0.3341, 0.3435

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.



64.9498, 0.3267, 0.3478



64.9498, 0.2928, 0.3141



64.9498, 0.3338, 0.3357

Square

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



64.9498, 0.2928, 0.3141



64.9498, 0.3195, 0.3177



64.9498, 0.3330, 0.3437



64.9498, 0.3058, 0.3408

Rectangle

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



64.9498, 0.2928, 0.3141



64.9498, 0.3049, 0.3110



64.9498, 0.3330, 0.3437



64.9498, 0.3203, 0.3477

Sweetspot

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



64.9525, 0.2928, 0.3141



95.2372, 0.3066, 0.3246



70.8862, 0.3032, 0.3478



20.1970, 0.3054, 0.3237



0.0000, 0.0000, 0.0000



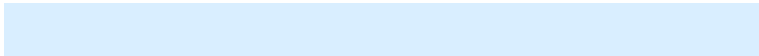
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9525, 0.2928, 0.3141



83.0091, 0.2892, 0.3112



58.1758, 0.2924, 0.2976



14.4921, 0.2981, 0.3182



11.7135, 0.1823, 0.1761



0.9899, 0.1894, 0.2018

Inverse Universe

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



60.9030, 0.3238, 0.3113



76.9226, 0.3260, 0.3081



73.5374, 0.3321, 0.3586



13.8266, 0.3206, 0.3161



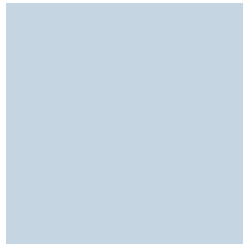
10.0905, 0.4732, 0.2380



0.7174, 0.4433, 0.2216

Previews

White Background



This preview shows how the Yxy color 64.9498, 0.2928, 0.3141 looks on a white background.

Color Contrast Check

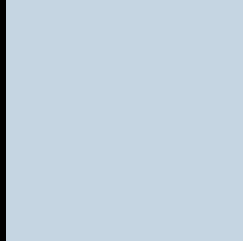
Large Text (above 18pt) WCAG AA × Fail

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 64.9498, 0.2928, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

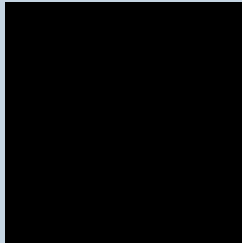
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

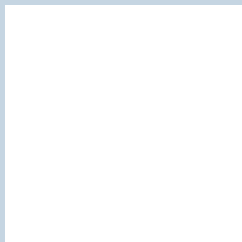
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9498, 0.2928, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 64.9498, 0.2928, 0.3141.

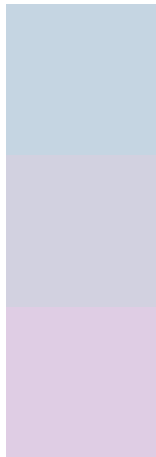


This preview shows how white text looks on a background with the Yxy color 64.9498, 0.2928, 0.3141.

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

64.9498, 0.2928, 0.3141

Protanopia

64.6844, 0.3032, 0.3122

Deuteranopia

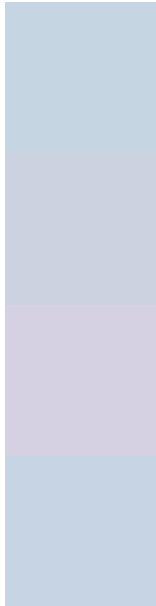
64.9521, 0.3101, 0.3040



Tritanopia

64.7499, 0.2916, 0.3096

Trichromacy



Original Color

64.9498, 0.2928, 0.3141

Protanomaly

64.5086, 0.2990, 0.3120

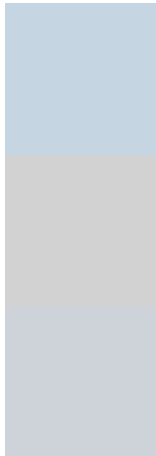
Deuteranomaly

64.9539, 0.3041, 0.3079

Tritanomaly

64.6942, 0.2922, 0.3107

Monochromacy



Original Color

64.9498, 0.2928, 0.3141

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5255, 0.3049, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9498, 0.2928, 0.3141 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, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 213, 226)  
}
```

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, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 213, 226) }
```

Border

The CSS property to change the border of an element to Yxy 64.9498, 0.2928, 0.3141 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, 213, 226) }
```

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

```
.border{ border-color:rgb(197, 213, 226) }
```

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

Here you see how a box with a 4 pixel rgb(197, 213, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 213,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9498, 0.2928, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 213, 226) }
```

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

```
.background{ background-color: rgb(197,  
213, 226) }
```

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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