

Converting Colors

Yxy(64.3566, 0.2928, 0.3124)

Have a look what the booklet for
Yxy(64.3566, 0.2928, 0.3124)
contains.

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Color

Yxy(64.4483, 0.2928, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	C5D4E2
RGB	197, 212, 226
RGB Percent	77%, 83%, 89%
CMY	0.2272, 0.1687, 0.1137
CMYK	0.13, 0.06, 0.00, 0.11
HSL	209°, 33%, 83%
HSV	209°, 13%, 89%
XYZ	60.3083, 64.4483, 81.2143
YIQ	209.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

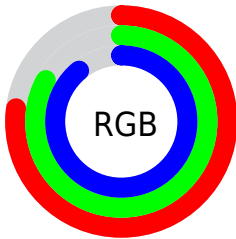
Format	Color
R_{YB}	197, 207, 226
Decimal	12965090
CIE _{Lab}	84.20, -2.24, -8.62
CIE _{LCh}	84, 8.909, 255.442
Yxy	64.4483, 0.2928, 0.3129
Android (android.graphics.Color)	4291155170 (0xFFC5D4E2)
YUV	209.1110, 8.3263, -10.6213
Hunter-Lab	80.2797, -6.3954, -3.7845

Details

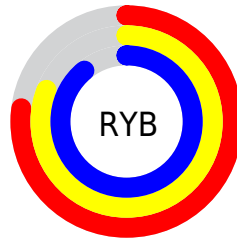
The Yxy color **64.4483, 0.2928, 0.3129** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8285, 0.3339, 0.3446**, and the grayscale version is **63.7952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **32.8939, 0.2876, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **56.3375, 0.2767, 0.2987**, and if you desaturate by 10%, it is **73.3928, 0.3084, 0.3257**.

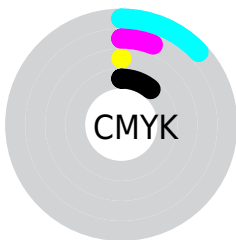
Distribution



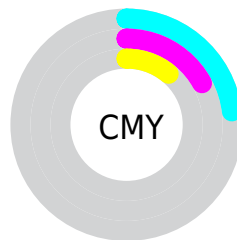
- Red (77%)
- Green (83%)
- Blue (89%)



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



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



- Cyan (23%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4483, 0.2928, 0.3129 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 64.4483, 0.2928, 0.3129 by changing the saturation by 10% instead.

■ 64.4483, 0.2928,
0.3129

■ 64.4483, 0.2928,
0.3129

440.8067, 0.3022,
0.3205

■ 47.0139, 0.2906,
0.3111

111.2563, 0.2961,
0.3156

■ 33.0466, 0.2879,
0.3089

141.3987, 0.2974,
0.3166

■ 22.1622, 0.2844,
0.3060

176.5458, 0.2984,
0.3175

■ 13.9761, 0.2798,
0.3022

217.0821, 0.2994,
0.3183

■ 8.1040, 0.2735,
0.2968

263.3919, 0.3002,
0.3190

■ 4.1616, 0.2640,
0.2889

315.8597, 0.3009,

■ 1.7644, 0.2488,

0.3195

0.2757

374.8699, 0.3016,
0.3201

0.4648, 0.1967,
0.2362

0.0000, 0.0000,
0.0000

64.4483, 0.2928,
0.3129

64.4483, 0.2928,
0.3129

56.3375, 0.2767,
0.2987

73.3928, 0.3084,
0.3257

49.0246, 0.2604,
0.2831

83.1888, 0.3234,
0.3370

42.4831, 0.2443,
0.2663

91.9458, 0.3309,
0.3475

36.6814, 0.2288,
0.2483

98.2712, 0.3298,
0.3572

■ 31.5856, 0.2144,
0.2296

■ 27.1580, 0.2016,
0.2105

■ 23.3564, 0.1910,
0.1917

■ 20.1309, 0.1827,
0.1734

■ 18.1149, 0.1781,
0.1610

Harmonies

Analogous

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



64.4483, 0.2913, 0.3202



64.4483, 0.2928, 0.3129



64.4483, 0.2995, 0.3100

Triad

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



64.4483, 0.2928, 0.3129



64.4483, 0.3303, 0.3276



64.4483, 0.3152, 0.3467

Complementary

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



64.4483, 0.2928, 0.3129



66.8285, 0.3339, 0.3446

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.



64.4483, 0.3258, 0.3485



64.4483, 0.2928, 0.3129



64.4483, 0.3346, 0.3372

Square

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



64.4483, 0.2928, 0.3129



64.4483, 0.3212, 0.3184



64.4483, 0.3330, 0.3449



64.4483, 0.3041, 0.3399

Rectangle

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



64.4483, 0.2928, 0.3129



64.4483, 0.3062, 0.3109



64.4483, 0.3330, 0.3449



64.4483, 0.3190, 0.3479

Sweetspot

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



64.4510, 0.2928, 0.3129



95.0058, 0.3066, 0.3242



70.9786, 0.3023, 0.3461



20.1385, 0.3054, 0.3233



0.0000, 0.0000, 0.0000



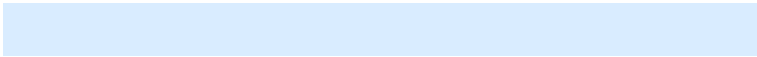
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4510, 0.2928, 0.3129



82.2009, 0.2891, 0.3098



57.5484, 0.2924, 0.2959



14.4068, 0.2981, 0.3174



10.5732, 0.1788, 0.1637



0.9120, 0.1864, 0.1909

Inverse Universe

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



60.8817, 0.3246, 0.3125



76.8410, 0.3270, 0.3095



74.3360, 0.3319, 0.3601



13.8180, 0.3212, 0.3170



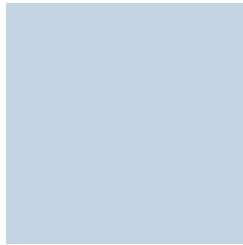
9.9754, 0.4885, 0.2465



0.7095, 0.4557, 0.2284

Previews

White Background



This preview shows how the Yxy color 64.4483, 0.2928, 0.3129 looks on a white background.

Color Contrast Check

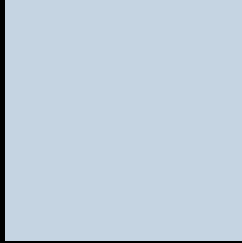
Large Text (above 18pt) WCAG AA × Fail

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 64.4483, 0.2928, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

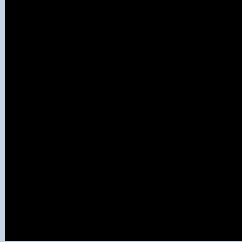
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

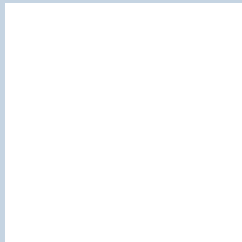
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4483, 0.2928, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 64.4483, 0.2928, 0.3129.

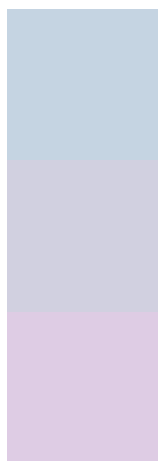


This preview shows how white text looks on a background with the Yxy color 64.4483, 0.2928, 0.3129.

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

64.4483, 0.2928, 0.3129

Protanopia

64.0489, 0.3025, 0.3110

Deuteranopia

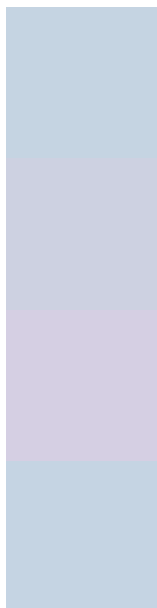
64.3168, 0.3094, 0.3028



Tritanopia

64.5587, 0.2915, 0.3107

Trichromacy



Original Color

64.4483, 0.2928, 0.3129

Protanomaly

64.0163, 0.2990, 0.3109

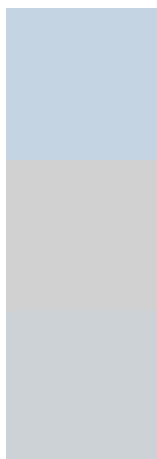
Deuteranomaly

64.3178, 0.3034, 0.3068

Tritanomaly

64.5033, 0.2921, 0.3118

Monochromacy



Original Color

64.4483, 0.2928, 0.3129

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9786, 0.3056, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4483, 0.2928, 0.3129 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, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 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, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 226) }
```

Border

The CSS property to change the border of an element to Yxy 64.4483, 0.2928, 0.3129 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, 212, 226) }
```

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

```
.border{ border-color:rgb(197, 212, 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, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4483, 0.2928, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 226) }
```

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

```
.background{ background-color: rgb(197,  
212, 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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