

Converting Colors

Yxy(64.8376, 0.2925, 0.3231)

Have a look what the booklet for
Yxy(64.8376, 0.2925, 0.3231)
contains.

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Color

Yxy(64.8446, 0.2925, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	BFD7DC
RGB	191, 215, 220
RGB Percent	75%, 84%, 86%
CMY	0.2510, 0.1568, 0.1372
CMYK	0.13, 0.02, 0.00, 0.14
HSL	190°, 29%, 81%
HSV	190°, 13%, 86%
XYZ	58.7033, 64.8446, 77.1472
YIQ	208.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

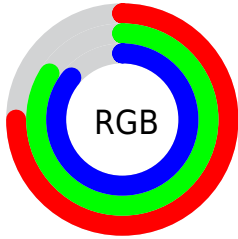
Format	Color
RYB	191, 204, 220
Decimal	12572636
CIELab	84.40, -6.97, -5.19
CIELCh	84, 8.689, 216.677
Yxy	64.8446, 0.2925, 0.3231
Android (android.graphics.Color)	4290762716 (0xFFBFD7DC)
YUV	208.3940, 5.7218, -15.2545
Hunter-Lab	80.5261, -10.7948, -0.4338

Details

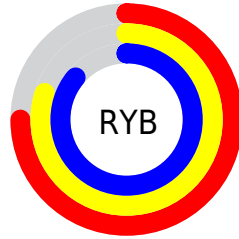
The Yxy color **64.8446, 0.2925, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4593, 0.3360, 0.3348**, and the grayscale version is **63.3158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **33.1766, 0.2873, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **60.2930, 0.2777, 0.3182**, and if you desaturate by 10%, it is **69.8750, 0.3078, 0.3276**.

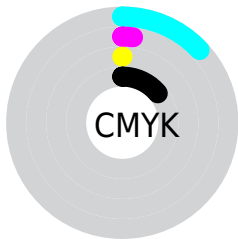
Distribution



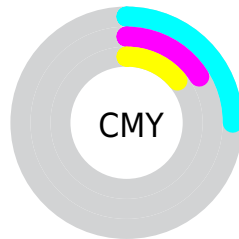
- Red (75%)
- Green (84%)
- Blue (86%)



- Red (75%)
- Yellow (80%)
- Blue (86%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8446, 0.2925, 0.3231 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 64.8446, 0.2925, 0.3231 by changing the saturation by 10% instead.

■ 64.8446, 0.2925,
0.3231

■ 64.8446, 0.2925,
0.3231

442.2333, 0.3020,
0.3260

■ 47.3351, 0.2903,
0.3224

■ 111.8264, 0.2958,
0.3241

■ 33.3006, 0.2875,
0.3215

142.0675, 0.2971,
0.3245

■ 22.3568, 0.2840,
0.3204

177.3212, 0.2982,
0.3248

■ 14.1193, 0.2794,
0.3189

217.9720, 0.2992,
0.3251

■ 8.2037, 0.2730,
0.3167

264.4042, 0.3000,
0.3254

■ 4.2256, 0.2635,
0.3133

317.0022, 0.3008,

■ 1.8005, 0.2481,

0.3256

0.3075

376.1505, 0.3014,
0.3258

0.4875, 0.1751,
0.2912

0.0000, 0.0000,
0.0000

64.8446, 0.2925,
0.3231

64.8446, 0.2925,
0.3231

60.2930, 0.2777,
0.3182

69.8750, 0.3078,
0.3276

56.1928, 0.2637,
0.3128

75.3944, 0.3232,
0.3318

52.5259, 0.2507,
0.3072

81.0431, 0.3372,
0.3355

49.2698, 0.2392,
0.3012

83.1377, 0.3367,
0.3392

■ 46.3996, 0.2293,
0.2951

■ 85.2785, 0.3362,
0.3430

■ 43.8876, 0.2213,
0.2889

■ 87.4656, 0.3356,
0.3467

■ 41.7018, 0.2152,
0.2826

■ 89.6995, 0.3351,
0.3504

■ 39.8035, 0.2110,
0.2764

■ 91.9803, 0.3346,
0.3540

■ 38.6336, 0.2090,
0.2722

■ 94.3084, 0.3341,
0.3576

Harmonies

Analogous

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



64.8446, 0.2980, 0.3330



64.8446, 0.2925, 0.3231



64.8446, 0.2923, 0.3150

Triad

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



64.8446, 0.2925, 0.3231



64.8446, 0.3178, 0.3166



64.8446, 0.3280, 0.3475

Complementary

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



64.8446, 0.2925, 0.3231



58.4593, 0.3360, 0.3348

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.



64.8446, 0.3335, 0.3427



64.8446, 0.2925, 0.3231



64.8446, 0.3276, 0.3248

Square

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



64.8446, 0.2925, 0.3231



64.8446, 0.3068, 0.3115



64.8446, 0.3334, 0.3343



64.8446, 0.3184, 0.3473

Rectangle

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



64.8446, 0.2925, 0.3231



64.8446, 0.2952, 0.3117



64.8446, 0.3334, 0.3343



64.8446, 0.3304, 0.3464

Sweetspot

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



64.8473, 0.2925, 0.3231



96.9977, 0.3065, 0.3273



66.2500, 0.3079, 0.3578



20.6433, 0.3053, 0.3269



0.0000, 0.0000, 0.0000



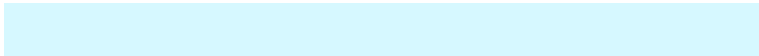
21.4041, 0.3127, 0.3290

Same Dimension

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



64.8473, 0.2925, 0.3231



88.6524, 0.2881, 0.3217



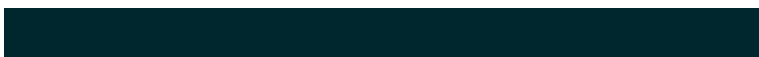
57.8590, 0.2920, 0.3060



14.4269, 0.2982, 0.3249



22.8135, 0.2092, 0.2732



1.5809, 0.2120, 0.2832

Inverse Universe

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



57.3801, 0.3180, 0.3020



76.2289, 0.3193, 0.2959



65.2427, 0.3338, 0.3510



13.2342, 0.3164, 0.3099



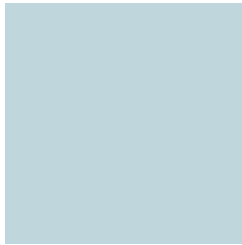
10.9268, 0.3698, 0.1811



0.7183, 0.3605, 0.1759

Previews

White Background



This preview shows how the Yxy color 64.8446, 0.2925, 0.3231 looks on a white background.

Color Contrast Check

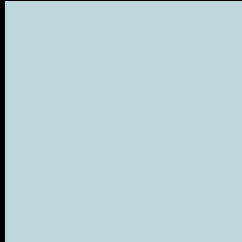
Large Text (above 18pt) WCAG AA × Fail

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 64.8446, 0.2925, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

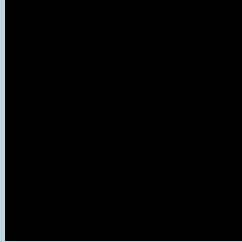
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

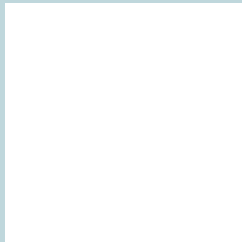
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8446, 0.2925, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 64.8446, 0.2925, 0.3231.



This preview shows how white text looks on a background with the Yxy color 64.8446, 0.2925, 0.3231.

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

64.8446, 0.2925, 0.3231

Protanopia

64.6077, 0.3094, 0.3200

Deuteranopia

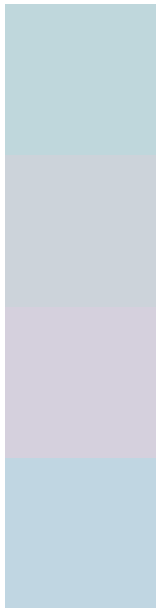
64.4672, 0.3159, 0.3094



Tritanopia

64.6391, 0.2876, 0.3095

Trichromacy



Original Color

64.8446, 0.2925, 0.3231

Protanomaly

64.4879, 0.3029, 0.3210

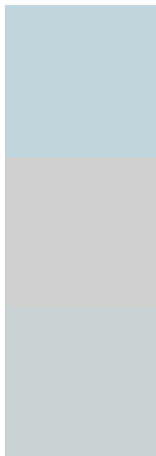
Deuteranomaly

64.4783, 0.3075, 0.3144

Tritanomaly

64.7906, 0.2894, 0.3151

Monochromacy



Original Color

64.8446, 0.2925, 0.3231

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8986, 0.3054, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8446, 0.2925, 0.3231 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(191, 215, 220)` looks like.

```
.text, #text, p{  
    color:rgb(191, 215, 220)  
}
```

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(191, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 215, 220) }
```

Border

The CSS property to change the border of an element to Yxy 64.8446, 0.2925, 0.3231 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(191, 215, 220) }
```

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

```
.border{ border-color:rgb(191, 215, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(191, 215,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8446, 0.2925, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 215, 220) }
```

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

```
.background{ background-color: rgb(191,  
215, 220) }
```

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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