

Converting Colors

$Yxy(63.1723, 0.2939, 0.3227)$

Have a look what the booklet for
Yxy(63.1723, 0.2939, 0.3227)
contains.

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Color

Yxy(63.1731, 0.2943, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	BFD4D9
RGB	191, 212, 217
RGB Percent	75%, 83%, 85%
CMY	0.2512, 0.1685, 0.1490
CMYK	0.12, 0.02, 0.00, 0.15
HSL	191°, 26%, 80%
HSV	191°, 12%, 85%
XYZ	57.5421, 63.1731, 74.8066
YIQ	206.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

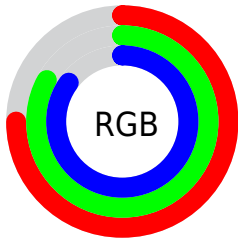
Format	Color
R_{YB}	191, 203, 217
Decimal	12571865
CIE _{Lab}	83.53, -6.04, -4.87
CIE _{LCh}	84, 7.761, 218.852
Yxy	63.1731, 0.2943, 0.3231
Android (android.graphics.Color)	4290761945 (0xFFBFD4D9)
YUV	206.2910, 5.2795, -13.4102
Hunter-Lab	79.4815, -9.8643, -0.1657

Details

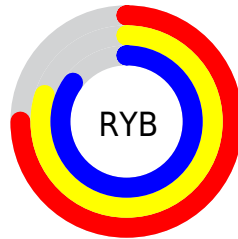
The Yxy color **63.1731, 0.2943, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9547, 0.3336, 0.3348**, and the grayscale version is **61.8852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **32.0409, 0.2896, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **58.5215, 0.2794, 0.3177**, and if you desaturate by 10%, it is **68.3000, 0.3096, 0.3281**.

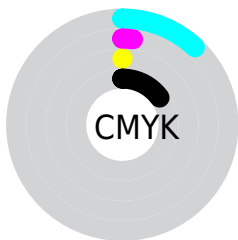
Distribution



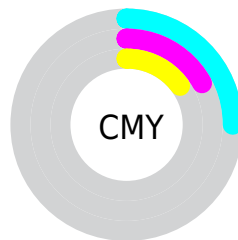
- Red (75%)
- Green (83%)
- Blue (85%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1731, 0.2943, 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 63.1731, 0.2943, 0.3231 by changing the saturation by 10% instead.

■ 63.1731, 0.2943,
0.3231

■ 63.1731, 0.2943,
0.3231

436.1974, 0.3030,
0.3260

■ 45.9813, 0.2923,
0.3224

■ 109.4192, 0.2974,
0.3241

■ 32.2310, 0.2897,
0.3215

139.2423, 0.2985,
0.3245

■ 21.5380, 0.2865,
0.3204

174.0445, 0.2995,
0.3248

■ 13.5178, 0.2822,
0.3189

214.2103, 0.3004,
0.3251

■ 7.7861, 0.2761,
0.3167

260.1241, 0.3012,
0.3254

■ 3.9584, 0.2672,
0.3133

312.1703, 0.3019,

■ 1.6503, 0.2525,

0.3256

0.3074

370.7333, 0.3025,
0.3258

0.3912, 0.1623,
0.2831

0.0000, 0.0000,
0.0000

63.1731, 0.2943,
0.3231

63.1731, 0.2943,
0.3231

58.5215, 0.2794,
0.3177

68.3000, 0.3096,
0.3281

54.3187, 0.2651,
0.3118

73.9118, 0.3250,
0.3325

50.5472, 0.2519,
0.3056

79.8300, 0.3396,
0.3366

47.1854, 0.2399,
0.2990

82.0926, 0.3390,
0.3407

■ 44.2094, 0.2296,
0.2922

■ 84.4100, 0.3384,
0.3448

■ 41.5928, 0.2211,
0.2853

■ 86.7826, 0.3377,
0.3488

■ 39.3050, 0.2145,
0.2783

■ 89.2107, 0.3371,
0.3529

■ 37.3096, 0.2098,
0.2714

■ 91.6947, 0.3365,
0.3568

■ 35.8765, 0.2072,
0.2659

■ 94.2350, 0.3359,
0.3608

Harmonies

Analogous

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



63.1731, 0.2989, 0.3320



63.1731, 0.2943, 0.3231



63.1731, 0.2945, 0.3160

Triad

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



63.1731, 0.2943, 0.3231



63.1731, 0.3180, 0.3182



63.1731, 0.3259, 0.3458

Complementary

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



63.1731, 0.2943, 0.3231



57.9547, 0.3336, 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.



63.1731, 0.3312, 0.3418



63.1731, 0.2943, 0.3231



63.1731, 0.3266, 0.3259

Square

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



63.1731, 0.2943, 0.3231



63.1731, 0.3081, 0.3134



63.1731, 0.3315, 0.3345



63.1731, 0.3171, 0.3453

Rectangle

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



63.1731, 0.2943, 0.3231



63.1731, 0.2974, 0.3132



63.1731, 0.3315, 0.3345



63.1731, 0.3282, 0.3449

Sweetspot

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



63.1757, 0.2943, 0.3231



96.8791, 0.3065, 0.3271



64.6678, 0.3081, 0.3544



20.6132, 0.3053, 0.3267



0.0000, 0.0000, 0.0000



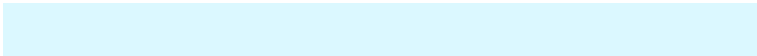
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1757, 0.2943, 0.3231



89.5705, 0.2911, 0.3220



57.0138, 0.2940, 0.3078



14.3845, 0.2982, 0.3244



21.8652, 0.2075, 0.2669



1.5276, 0.2106, 0.2781

Inverse Universe

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



56.7416, 0.3178, 0.3051



78.8680, 0.3189, 0.3007



63.9886, 0.3317, 0.3494



13.2299, 0.3167, 0.3103



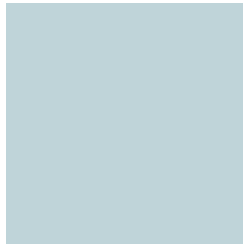
10.8311, 0.3758, 0.1844



0.7129, 0.3652, 0.1786

Previews

White Background



This preview shows how the Yxy color 63.1731, 0.2943, 0.3231 looks on a white background.

Color Contrast Check

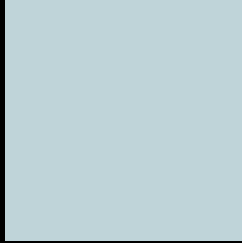
Large Text (above 18pt) WCAG AA × Fail

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 63.1731, 0.2943, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

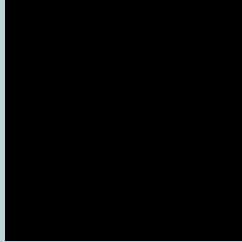
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

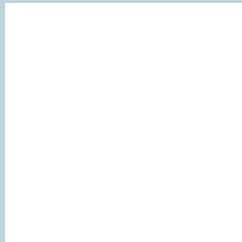
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1731, 0.2943, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 63.1731, 0.2943, 0.3231.



This preview shows how white text looks on a background with the Yxy color 63.1731, 0.2943, 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

63.1731, 0.2943, 0.3231

Protanopia

63.1823, 0.3101, 0.3210

Deuteranopia

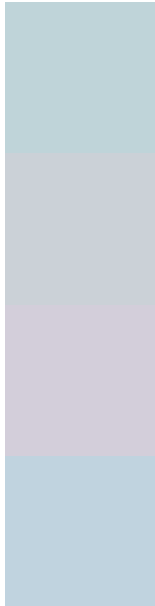
63.0435, 0.3167, 0.3103



Tritanopia

62.9767, 0.2893, 0.3093

Trichromacy



Original Color

63.1731, 0.2943, 0.3231

Protanomaly

63.2037, 0.3042, 0.3221

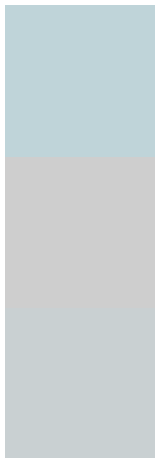
Deuteranomaly

63.0535, 0.3081, 0.3154

Tritanomaly

63.1227, 0.2912, 0.3150

Monochromacy



Original Color

63.1731, 0.2943, 0.3231

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1824, 0.3061, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1731, 0.2943, 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, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 212, 217)  
}
```

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, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 212, 217) }
```

Border

The CSS property to change the border of an element to Yxy 63.1731, 0.2943, 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, 212, 217) }
```

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

```
.border{ border-color:rgb(191, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 212,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1731, 0.2943, 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, 212, 217) }
```

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

```
.background{ background-color: rgb(191,  
212, 217) }
```

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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