

Converting Colors

$Yxy(62.3069, 0.2959, 0.3229)$

Have a look what the booklet for
Yxy(62.3069, 0.2959, 0.3229)
contains.

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Color

Yxy(62.2060, 0.2963, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	C0D2D7
RGB	192, 210, 215
RGB Percent	75%, 82%, 84%
CMY	0.2471, 0.1764, 0.1569
CMYK	0.11, 0.02, 0.00, 0.16
HSL	193°, 22%, 80%
HSV	193°, 11%, 84%
XYZ	57.0462, 62.2060, 73.2764
YIQ	205.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

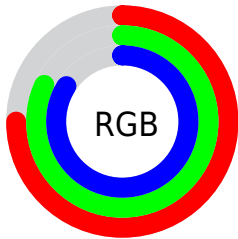
Format	Color
RYB	192, 202, 215
Decimal	12636887
CIELab	83.02, -5.06, -4.54
CIELCh	83, 6.798, 221.871
Yxy	62.2060, 0.2963, 0.3231
Android (android.graphics.Color)	4290826967 (0xFFC0D2D7)
YUV	205.1880, 4.8373, -11.5659
Hunter-Lab	78.8708, -8.9171, 0.1250

Details

The Yxy color **62.2060, 0.2963, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1642, 0.3309, 0.3348**, and the grayscale version is **61.1505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **31.7183, 0.2921, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **57.3423, 0.2812, 0.3170**, and if you desaturate by 10%, it is **67.5515, 0.3116, 0.3286**.

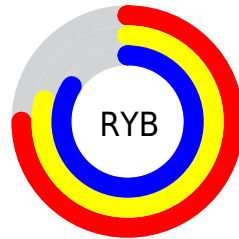
Distribution



Red (75%)

Green (82%)

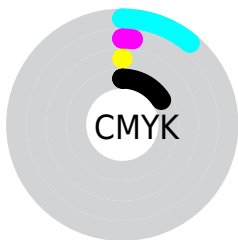
Blue (84%)



Red (75%)

Yellow (79%)

Blue (84%)

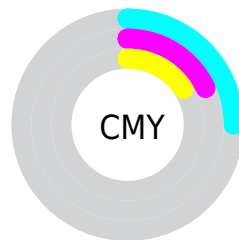


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2060, 0.2963, 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 62.2060, 0.2963, 0.3231 by changing the saturation by 10% instead.

■ 62.2060, 0.2963,
0.3231

■ 62.2060, 0.2963,
0.3231

432.6821, 0.3041,
0.3260

■ 45.1992, 0.2945,
0.3224

■ 108.0232, 0.2990,
0.3241

■ 31.6143, 0.2922,
0.3215

137.6024, 0.3001,
0.3245

■ 21.0671, 0.2893,
0.3204

172.1411, 0.3010,
0.3248

■ 13.1731, 0.2854,
0.3189

212.0238, 0.3018,
0.3251

■ 7.5478, 0.2799,
0.3167

257.6349, 0.3025,
0.3254

■ 3.8070, 0.2717,
0.3133

309.3587, 0.3031,

■ 1.5662, 0.2582,

0.3256

0.3075

367.5796, 0.3036,
0.3258

0.3346, 0.1607,
0.2764

0.0000, 0.0000,
0.0000

62.2060, 0.2963,
0.3231

62.2060, 0.2963,
0.3231

57.3423, 0.2812,
0.3170

67.5515, 0.3116,
0.3286

52.9343, 0.2667,
0.3104

73.3880, 0.3270,
0.3336

48.9651, 0.2531,
0.3034

79.4520, 0.3411,
0.3381

45.4134, 0.2407,
0.2960

81.9841, 0.3403,
0.3427

■ 42.2563, 0.2298,
0.2882

■ 84.5850, 0.3396,
0.3473

■ 39.4679, 0.2207,
0.2803

■ 87.2552, 0.3389,
0.3518

■ 37.0189, 0.2135,
0.2723

■ 89.9953, 0.3382,
0.3563

■ 34.8744, 0.2082,
0.2644

■ 92.8059, 0.3375,
0.3608

■ 33.0957, 0.2048,
0.2571

■ 95.6873, 0.3368,
0.3652

Harmonies

Analogous

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



62.2060, 0.3000, 0.3308



62.2060, 0.2963, 0.3231



62.2060, 0.2969, 0.3171

Triad

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



62.2060, 0.2963, 0.3231



62.2060, 0.3183, 0.3201



62.2060, 0.3237, 0.3439

Complementary

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



62.2060, 0.2963, 0.3231



58.1642, 0.3309, 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.



62.2060, 0.3287, 0.3408



62.2060, 0.2963, 0.3231



62.2060, 0.3256, 0.3270

Square

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



62.2060, 0.2963, 0.3231



62.2060, 0.3095, 0.3155



62.2060, 0.3294, 0.3346



62.2060, 0.3157, 0.3430

Rectangle

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



62.2060, 0.2963, 0.3231



62.2060, 0.2997, 0.3149



62.2060, 0.3294, 0.3346



62.2060, 0.3258, 0.3433

Sweetspot

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



62.2086, 0.2963, 0.3231



97.5271, 0.3081, 0.3274



63.8086, 0.3084, 0.3510



20.7357, 0.3068, 0.3270



0.0000, 0.0000, 0.0000



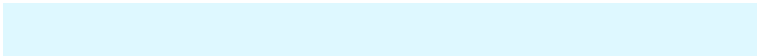
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2086, 0.2963, 0.3231



89.7579, 0.2926, 0.3217



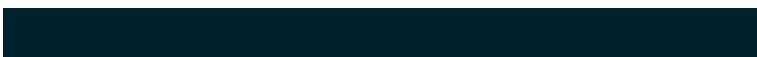
56.9054, 0.2961, 0.3098



13.6309, 0.2982, 0.3238



19.9601, 0.2051, 0.2583



1.3198, 0.2089, 0.2719

Inverse Universe

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



56.7927, 0.3177, 0.3084



80.1898, 0.3189, 0.3036



63.4020, 0.3295, 0.3475



12.5846, 0.3170, 0.3109



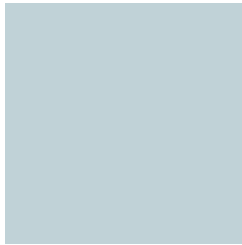
10.3598, 0.3841, 0.1889



0.6366, 0.3710, 0.1818

Previews

White Background



This preview shows how the Yxy color 62.2060, 0.2963, 0.3231 looks on a white background.

Color Contrast Check

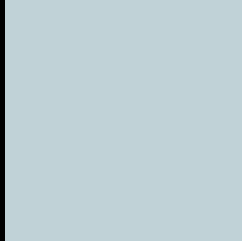
Large Text (above 18pt) WCAG AA × Fail

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 62.2060, 0.2963, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

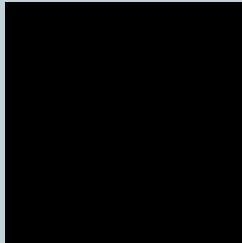
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

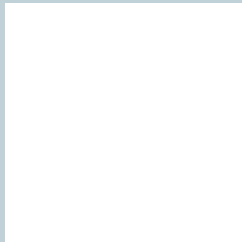
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2060, 0.2963, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 62.2060, 0.2963, 0.3231.

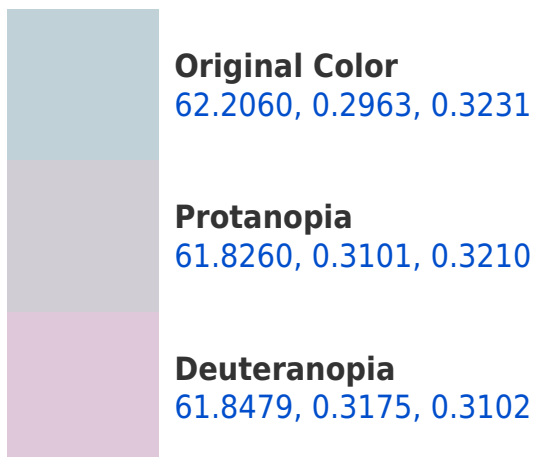


This preview shows how white text looks on a background with the Yxy color 62.2060, 0.2963, 0.3231.

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





Tritanopia

62.0173, 0.2912, 0.3093

Trichromacy



Original Color

62.2060, 0.2963, 0.3231

Protanomaly

61.9863, 0.3048, 0.3220

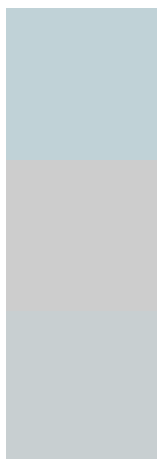
Deuteranomaly

61.9925, 0.3096, 0.3154

Tritanomaly

62.1588, 0.2931, 0.3150

Monochromacy



Original Color

62.2060, 0.2963, 0.3231

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.5085, 0.3061, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2060, 0.2963, 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(192, 210, 215)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 215)  
}
```

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(192, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 215) }
```

Border

The CSS property to change the border of an element to Yxy 62.2060, 0.2963, 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(192, 210, 215) }
```

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

```
.border{ border-color:rgb(192, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2060, 0.2963, 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(192, 210, 215) }
```

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

```
.background{ background-color: rgb(192,  
210, 215) }
```

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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