

Converting Colors

$Yxy(63.2231, 0.3057, 0.3271)$

Have a look what the booklet for
Yxy(63.2231, 0.3057, 0.3271)
contains.

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Color

Yxy(63.3529, 0.3061, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CAD2D3
RGB	202, 210, 211
RGB Percent	79%, 82%, 83%
CMY	0.2079, 0.1764, 0.1724
CMYK	0.04, 0.00, 0.00, 0.17
HSL	187°, 9%, 81%
HSV	187°, 4%, 83%
XYZ	59.1590, 63.3529, 70.7550
YIQ	207.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

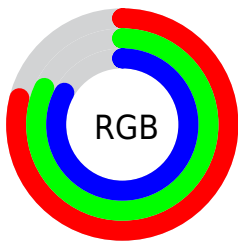
Format	Color
R _Y B	202, 206, 211
Decimal	13292243
CIE Lab	83.63, -2.53, -1.46
CIE LCh	84, 2.917, 210.043
Yxy	63.3529, 0.3061, 0.3278
Android (android.graphics.Color)	4291482323 (0xFFCAD2D3)
YUV	207.7220, 1.6161, -5.0182
Hunter-Lab	79.5945, -6.6195, 3.0107

Details

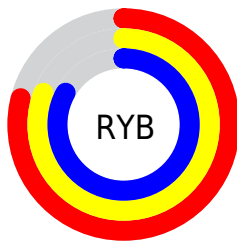
The Yxy color **63.3529, 0.3061, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8247, 0.3197, 0.3302**, and the grayscale version is **62.8791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5072, 0.3041, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **59.4481, 0.2910, 0.3248**, and if you desaturate by 10%, it is **67.6829, 0.3216, 0.3305**.

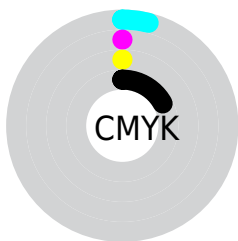
Distribution



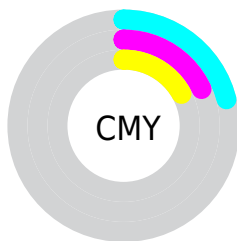
- Red (79%)
- Green (82%)
- Blue (83%)



- Red (79%)
- Yellow (81%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3529, 0.3061, 0.3278 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 63.3529, 0.3061, 0.3278 by changing the saturation by 10% instead.

■ 63.3529, 0.3061,
0.3278

■ 63.3529, 0.3061,
0.3278

436.8491, 0.3092,
0.3284

■ 46.1268, 0.3054,
0.3277

109.6785, 0.3072,
0.3280

■ 32.3459, 0.3044,
0.3275

139.5467, 0.3076,
0.3281

■ 21.6258, 0.3033,
0.3273

174.3978, 0.3080,
0.3282

■ 13.5822, 0.3017,
0.3269

214.6160, 0.3083,
0.3282

■ 7.8307, 0.2995,
0.3265

260.5859, 0.3086,
0.3283

■ 3.9868, 0.2962,
0.3258

312.6918, 0.3088,

■ 1.6662, 0.2906,

0.3283

371.3180, 0.3090,
0.3284

0.3247

0.4016, 0.2538,
0.3185

0.0000, 0.0000,
0.0000

63.3529, 0.3061,
0.3278

63.3529, 0.3061,
0.3278

59.4481, 0.2910,
0.3248

67.6829, 0.3216,
0.3305

55.9442, 0.2765,
0.3216

72.4455, 0.3372,
0.3330

52.8265, 0.2631,
0.3181

75.6549, 0.3450,
0.3353

50.0762, 0.2509,
0.3145

76.8875, 0.3446,
0.3377

■ 47.6730, 0.2402,
0.3107

■ 78.1378, 0.3442,
0.3400

■ 45.5945, 0.2314,
0.3068

■ 79.4057, 0.3438,
0.3424

■ 43.8154, 0.2244,
0.3029

■ 80.6915, 0.3434,
0.3448

■ 42.3066, 0.2193,
0.2990

■ 81.9951, 0.3430,
0.3471

■ 41.0328, 0.2160,
0.2951

■ 83.3167, 0.3426,
0.3495

Harmonies

Analogous

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



63.3529, 0.3083, 0.3311



63.3529, 0.3061, 0.3278



63.3529, 0.3056, 0.3248

Triad

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



63.3529, 0.3061, 0.3278



63.3529, 0.3137, 0.3242



63.3529, 0.3184, 0.3350

Complementary

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



63.3529, 0.3061, 0.3278



60.8247, 0.3197, 0.3302

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.



63.3529, 0.3199, 0.3332



63.3529, 0.3061, 0.3278



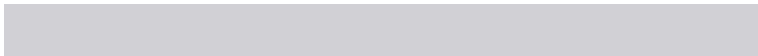
63.3529, 0.3171, 0.3269

Square

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



63.3529, 0.3061, 0.3278



63.3529, 0.3100, 0.3228



63.3529, 0.3194, 0.3302



63.3529, 0.3155, 0.3353

Rectangle

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



63.3529, 0.3061, 0.3278



63.3529, 0.3064, 0.3235



63.3529, 0.3194, 0.3302



63.3529, 0.3191, 0.3346

Sweetspot

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



63.3556, 0.3061, 0.3278



99.3368, 0.3112, 0.3287



63.4612, 0.3116, 0.3385



21.2692, 0.3112, 0.3287



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.



63.3556, 0.3061, 0.3278



96.7505, 0.3049, 0.3276



61.2062, 0.3062, 0.3227



13.4922, 0.3040, 0.3274



24.4545, 0.2149, 0.2935



1.4334, 0.2168, 0.3006

Inverse Universe

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



60.7363, 0.3139, 0.3198



92.0412, 0.3142, 0.3181



62.9389, 0.3193, 0.3353



12.7597, 0.3143, 0.3169



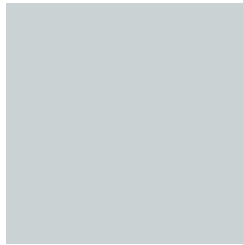
10.5400, 0.3512, 0.1708



0.5960, 0.3449, 0.1674

Previews

White Background



This preview shows how the Yxy color 63.3529, 0.3061, 0.3278 looks on a white background.

Color Contrast Check

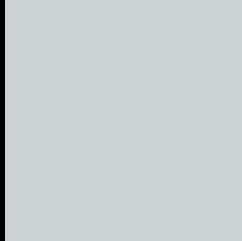
Large Text (above 18pt) WCAG AA × Fail

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 63.3529, 0.3061, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

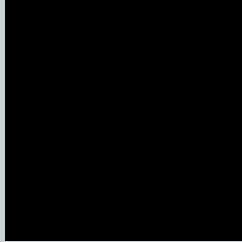
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

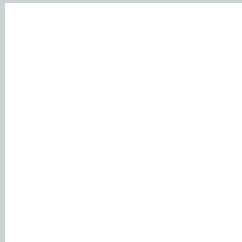
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3529, 0.3061, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 63.3529, 0.3061, 0.3278.

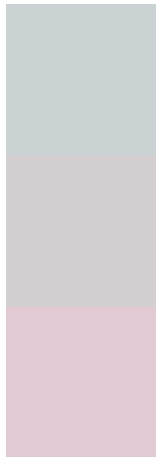


This preview shows how white text looks on a background with the Yxy color 63.3529, 0.3061, 0.3278.

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

63.3529, 0.3061, 0.3278

Protanopia

63.0780, 0.3143, 0.3267

Deuteranopia

63.2139, 0.3233, 0.3169



Tritanopia

63.3309, 0.2989, 0.3108

Trichromacy



Original Color

63.3529, 0.3061, 0.3278

Protanomaly

63.1748, 0.3113, 0.3267

Deuteranomaly

63.1678, 0.3169, 0.3211

Tritanomaly

63.4119, 0.3015, 0.3175

Monochromacy



Original Color

63.3529, 0.3061, 0.3278

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3262, 0.3105, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3529, 0.3061, 0.3278 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(202, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(202, 210, 211)  
}
```

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(202, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 210, 211) }
```

Border

The CSS property to change the border of an element to Yxy 63.3529, 0.3061, 0.3278 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(202, 210, 211) }
```

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

```
.border{ border-color:rgb(202, 210, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(202, 210,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3529, 0.3061, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 210, 211) }
```

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

```
.background{ background-color: rgb(202,  
210, 211) }
```

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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