

Converting Colors

$Yxy(60.6508, 0.2983, 0.3236)$

Have a look what the booklet for
Yxy(60.6508, 0.2983, 0.3236)
contains.

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Color

Yxy(60.5856, 0.2982, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C0CFD4
RGB	192, 207, 212
RGB Percent	75%, 81%, 83%
CMY	0.2471, 0.1882, 0.1685
CMYK	0.09, 0.02, 0.00, 0.17
HSL	195°, 19%, 79%
HSV	195°, 9%, 83%
XYZ	55.9338, 60.5856, 71.0521
YIQ	203.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

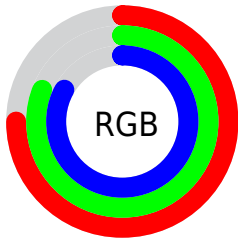
Format	Color
R _Y B	192, 201, 212
Decimal	12636116
CIE Lab	82.16, -4.08, -4.24
CIE LCh	82, 5.887, 226.090
Yxy	60.5856, 0.2982, 0.3230
Android (android.graphics.Color)	4290826196 (0xFFC0CFD4)
YUV	203.0850, 4.3951, -9.7215
Hunter-Lab	77.8368, -7.9434, 0.3638

Details

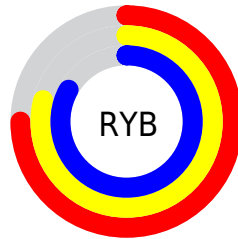
The Yxy color `60.5856, 0.2982, 0.3230` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.7409, 0.3285, 0.3349`, and the grayscale version is `59.7545, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.6965, 0.3084, 0.3290`, and `30.6201, 0.2946, 0.3226` is the 20% darker color. If you saturate the color by 10%, you get `55.4863, 0.2830, 0.3160`, and if you desaturate by 10%, it is `66.1753, 0.3136, 0.3293`.

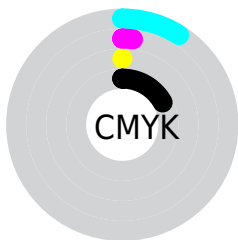
Distribution



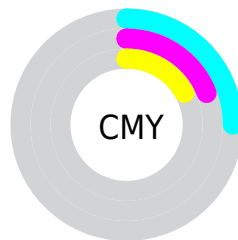
- Red (75%)
- Green (81%)
- Blue (83%)



- Red (75%)
- Yellow (79%)
- Blue (83%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5856, 0.2982, 0.3230 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 60.5856, 0.2982, 0.3230 by changing the saturation by 10% instead.

■ 60.5856, 0.2982,
0.3230

■ 60.5856, 0.2982,
0.3230

■ 426.7529, 0.3051,
0.3259

■ 43.8908, 0.2966,
0.3223

■ 105.6787, 0.3006,
0.3240

■ 30.5847, 0.2945,
0.3214

■ 134.8458, 0.3016,
0.3244

■ 20.2828, 0.2919,
0.3203

■ 168.9391, 0.3024,
0.3248

■ 12.6008, 0.2884,
0.3187

■ 208.3430, 0.3031,
0.3251

■ 7.1542, 0.2834,
0.3165

■ 253.4420, 0.3037,
0.3253

■ 3.5587, 0.2759,
0.3130

■ 304.6204, 0.3042,

■ 1.4299, 0.2633,

0.3255

0.3070

362.2625, 0.3047,
0.3257

0.2386, 0.1379,
0.2588

0.0000, 0.0000,
0.0000

60.5856, 0.2982,
0.3230

60.5856, 0.2982,
0.3230

55.4863, 0.2830,
0.3160

66.1753, 0.3136,
0.3293

50.8519, 0.2682,
0.3085

72.2646, 0.3288,
0.3350

46.6659, 0.2541,
0.3003

78.7597, 0.3433,
0.3401

42.9079, 0.2412,
0.2917

81.6419, 0.3424,
0.3454

■ 39.5555, 0.2296,
0.2827

■ 84.6140, 0.3415,
0.3506

■ 36.5836, 0.2198,
0.2734

■ 87.6767, 0.3407,
0.3558

■ 33.9643, 0.2118,
0.2640

■ 90.8308, 0.3398,
0.3609

■ 31.6643, 0.2059,
0.2547

■ 94.0770, 0.3390,
0.3659

■ 29.6277, 0.2016,
0.2455

■ 97.4162, 0.3382,
0.3709

Harmonies

Analogous

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



60.5856, 0.3009, 0.3297



60.5856, 0.2982, 0.3230



60.5856, 0.2993, 0.3181

Triad

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



60.5856, 0.2982, 0.3230



60.5856, 0.3186, 0.3220



60.5856, 0.3214, 0.3421

Complementary

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



60.5856, 0.2982, 0.3230



57.7409, 0.3285, 0.3349

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.



60.5856, 0.3263, 0.3399



60.5856, 0.2982, 0.3230



60.5856, 0.3246, 0.3282

Square

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



60.5856, 0.2982, 0.3230



60.5856, 0.3110, 0.3176



60.5856, 0.3275, 0.3348



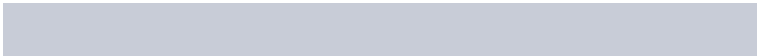
60.5856, 0.3143, 0.3408

Rectangle

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



60.5856, 0.2982, 0.3230



60.5856, 0.3021, 0.3164



60.5856, 0.3275, 0.3348



60.5856, 0.3234, 0.3418

Sweetspot

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



60.5881, 0.2982, 0.3230



97.3611, 0.3081, 0.3271



62.3368, 0.3082, 0.3470



20.6908, 0.3068, 0.3266



0.0000, 0.0000, 0.0000



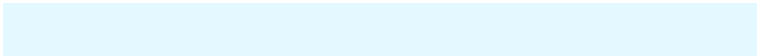
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5881, 0.2982, 0.3230



90.6608, 0.2957, 0.3219



55.8888, 0.2981, 0.3109



13.5564, 0.2982, 0.3230



18.3854, 0.2018, 0.2463



1.2366, 0.2062, 0.2622

Inverse Universe

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



56.1981, 0.3176, 0.3116



82.9464, 0.3185, 0.3085



62.4406, 0.3273, 0.3464



12.5771, 0.3176, 0.3117



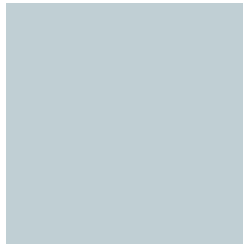
10.2009, 0.3960, 0.1955



0.6282, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 60.5856, 0.2982, 0.3230 looks on a white background.

Color Contrast Check

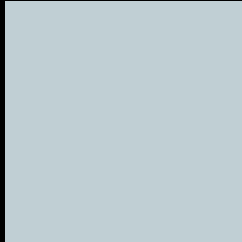
Large Text (above 18pt) WCAG AA × Fail

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 60.5856, 0.2982, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

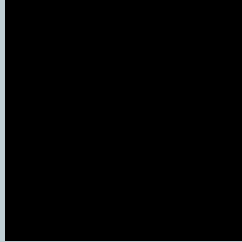
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

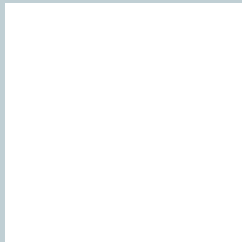
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5856, 0.2982, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 60.5856, 0.2982, 0.3230.



This preview shows how white text looks on a background with the Yxy color 60.5856, 0.2982, 0.3230.

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

60.5856, 0.2982, 0.3230

Protanopia

60.4868, 0.3100, 0.3209

Deuteranopia

60.3033, 0.3175, 0.3111



Tritanopia

60.4059, 0.2930, 0.3091

Trichromacy



Original Color

60.5856, 0.2982, 0.3230

Protanomaly

60.3064, 0.3055, 0.3208

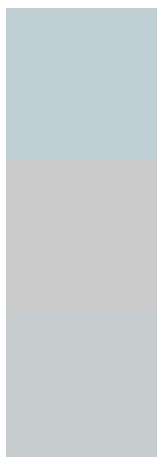
Deuteranomaly

60.1327, 0.3103, 0.3152

Tritanomaly

60.5420, 0.2950, 0.3149

Monochromacy



Original Color

60.5856, 0.2982, 0.3230

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7841, 0.3075, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5856, 0.2982, 0.3230 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, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 207, 212)  
}
```

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, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.5856, 0.2982, 0.3230 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, 207, 212) }
```

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

```
.border{ border-color:rgb(192, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(192, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5856, 0.2982, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 207, 212) }
```

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

```
.background{ background-color: rgb(192,  
207, 212) }
```

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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