

Converting Colors

Yxy(60.4857, 0.3084, 0.3232)

Have a look what the booklet for
Yxy(60.4857, 0.3084, 0.3232)
contains.

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Color

Yxy(60.4857, 0.3084, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	CBCCD1
RGB	203, 204, 209
RGB Percent	80%, 80%, 82%
CMY	0.2042, 0.1999, 0.1804
CMYK	0.03, 0.02, 0.00, 0.18
HSL	229°, 6%, 81%
HSV	229°, 3%, 82%
XYZ	57.7159, 60.4857, 68.9447
YIQ	204.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

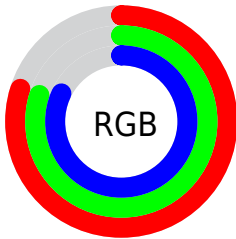
Format	Color
R_{YB}	203, 204, 209
Decimal	13356241
CIE Lab	82.10, 0.55, -2.60
CIE LCh	82, 2.660, 282.012
Yxy	60.4857, 0.3084, 0.3232
Android (android.graphics.Color)	4291546321 (0xFFCBCCD1)
YUV	204.2710, 2.3314, -1.1147
Hunter-Lab	77.7726, -3.6350, 1.8807

Details

The Yxy color **60.4857, 0.3084, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9253, 0.3170, 0.3347**, and the grayscale version is **60.5456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5688, 0.3070, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **50.0423, 0.2925, 0.3014**, and if you desaturate by 10%, it is **72.2270, 0.3228, 0.3423**.

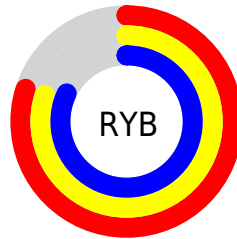
Distribution



Red (80%)

Green (80%)

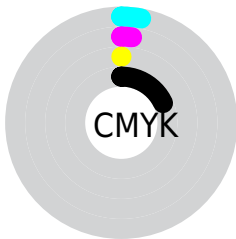
Blue (82%)



Red (80%)

Yellow (80%)

Blue (82%)

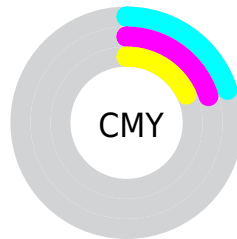


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (20%)

Magenta (20%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4857, 0.3084, 0.3232 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 60.4857, 0.3084, 0.3232 by changing the saturation by 10% instead.

■ 60.4857, 0.3084,
0.3232

■ 60.4857, 0.3084,
0.3232

426.3857, 0.3105,
0.3260

■ 43.8102, 0.3079,
0.3225

105.5339, 0.3091,
0.3242

■ 30.5214, 0.3073,
0.3217

134.6755, 0.3094,
0.3246

■ 20.2346, 0.3065,
0.3206

168.7412, 0.3097,
0.3249

■ 12.5657, 0.3054,
0.3192

208.1154, 0.3099,
0.3252

■ 7.1302, 0.3039,
0.3172

253.1826, 0.3100,
0.3254

■ 3.5437, 0.3016,
0.3141

304.3271, 0.3102,

■ 1.4217, 0.2976,

0.3256

0.3089

361.9334, 0.3103,
0.3258

0.2326, 0.2600,
0.2578

0.0000, 0.0000,
0.0000

60.4857, 0.3084,
0.3232

60.4857, 0.3084,
0.3232

50.0423, 0.2925,
0.3014

72.2270, 0.3228,
0.3423

40.8445, 0.2750,
0.2770

85.3008, 0.3356,
0.3590

32.8475, 0.2563,
0.2500

97.3828, 0.3400,
0.3741

26.0011, 0.2368,
0.2208

■ 20.2516, 0.2172,
0.1904

■ 15.5405, 0.1985,
0.1600

■ 11.8042, 0.1819,
0.1313

■ 8.9713, 0.1684,
0.1062

■ 6.9602, 0.1588,
0.0862

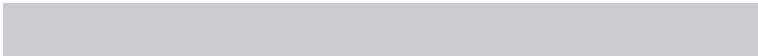
Harmonies

Analogous

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



60.4857, 0.3065, 0.3243



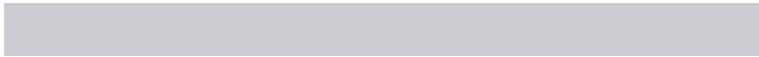
60.4857, 0.3084, 0.3232



60.4857, 0.3115, 0.3236

Triad

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



60.4857, 0.3084, 0.3232



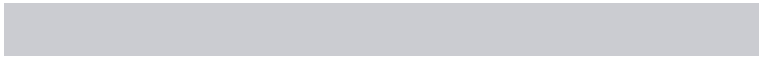
60.4857, 0.3193, 0.3313



60.4857, 0.3105, 0.3326

Complementary

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



60.4857, 0.3084, 0.3232



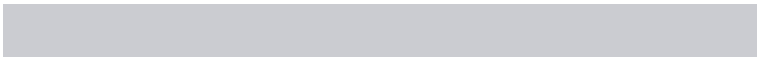
62.9253, 0.3170, 0.3347

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.



60.4857, 0.3139, 0.3345



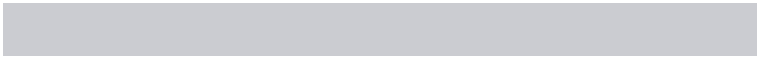
60.4857, 0.3084, 0.3232



60.4857, 0.3190, 0.3337

Square

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



60.4857, 0.3084, 0.3232



60.4857, 0.3178, 0.3283



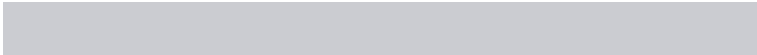
60.4857, 0.3171, 0.3349



60.4857, 0.3077, 0.3298

Rectangle

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



60.4857, 0.3084, 0.3232



60.4857, 0.3138, 0.3247



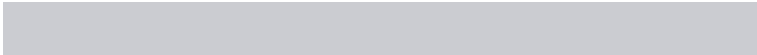
60.4857, 0.3171, 0.3349



60.4857, 0.3116, 0.3334

Sweetspot

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



60.4883, 0.3084, 0.3232



98.1920, 0.3112, 0.3270



62.8302, 0.3090, 0.3303



21.0362, 0.3113, 0.3271



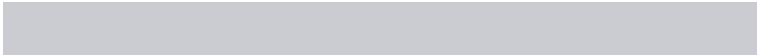
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



60.4883, 0.3084, 0.3232



94.6387, 0.3082, 0.3229



60.2441, 0.3099, 0.3220



13.0715, 0.3071, 0.3214



3.7784, 0.1548, 0.0773



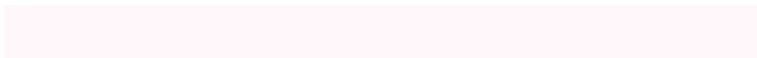
0.3178, 0.1637, 0.1092

Inverse Universe

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



60.5971, 0.3166, 0.3278



94.8181, 0.3168, 0.3277



63.1787, 0.3155, 0.3360



13.1031, 0.3178, 0.3274



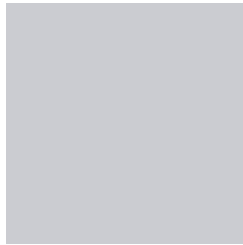
8.4527, 0.6113, 0.3141



0.4834, 0.5622, 0.2871

Previews

White Background



This preview shows how the Yxy color 60.4857, 0.3084, 0.3232 looks on a white background.

Color Contrast Check

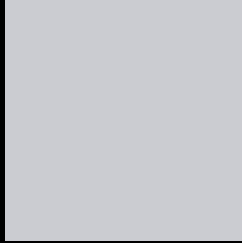
Large Text (above 18pt) WCAG AA × Fail

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 60.4857, 0.3084, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

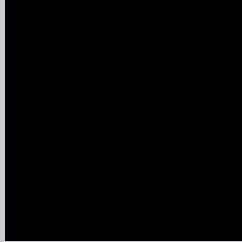
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

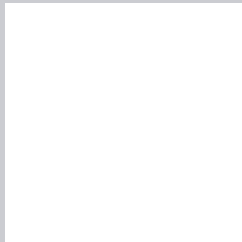
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4857, 0.3084, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 60.4857, 0.3084, 0.3232.

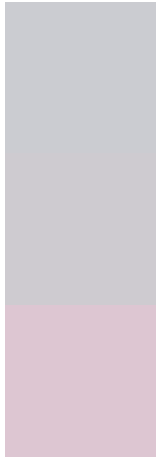


This preview shows how white text looks on a background with the Yxy color 60.4857, 0.3084, 0.3232.

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

60.4857, 0.3084, 0.3232

Protanopia

60.3877, 0.3115, 0.3232

Deuteranopia

60.4135, 0.3220, 0.3156



Tritanopia

60.6637, 0.3023, 0.3106

Trichromacy



Original Color

60.4857, 0.3084, 0.3232

Protanomaly

60.2451, 0.3107, 0.3232

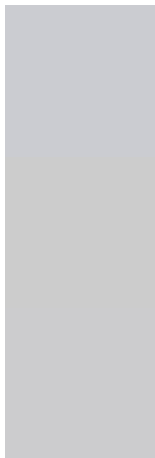
Deuteranomaly

60.2578, 0.3164, 0.3176

Tritanomaly

60.4555, 0.3050, 0.3151

Monochromacy



Original Color

60.4857, 0.3084, 0.3232

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4793, 0.3113, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4857, 0.3084, 0.3232 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(203, 204, 209) looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 209)  
}
```

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(203, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.4857, 0.3084, 0.3232 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(203, 204, 209) }
```

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

```
.border{ border-color:rgb(203, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4857, 0.3084, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 209) }
```

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

```
.background{ background-color: rgb(203,  
204, 209) }
```

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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