

Converting Colors

Yxy(60.5834, 0.3068, 0.3275)

Have a look what the booklet for
Yxy(60.5834, 0.3068, 0.3275)
contains.

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Color

Yxy(60.7897, 0.3068, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C7CECF
RGB	199, 206, 207
RGB Percent	78%, 81%, 81%
CMY	0.2194, 0.1922, 0.1883
CMYK	0.04, 0.00, 0.00, 0.19
HSL	188°, 8%, 80%
HSV	188°, 4%, 81%
XYZ	56.8953, 60.7897, 67.7625
YIQ	204.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

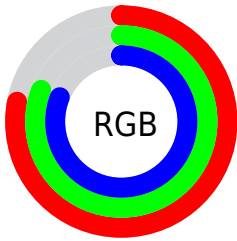
Format	Color
RYB	199, 203, 207
Decimal	13094607
CIELab	82.27, -2.17, -1.33
CIELCh	82, 2.546, 211.534
Yxy	60.7897, 0.3068, 0.3278
Android (android.graphics.Color)	4291284687 (0xFFC7CECF)
YUV	204.0210, 1.4686, -4.4034
Hunter-Lab	77.9677, -6.1870, 3.0479

Details

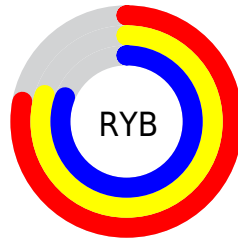
The Yxy color **60.7897, 0.3068, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7220, 0.3189, 0.3302**, and the grayscale version is **60.3954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.7761, 0.3048, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **56.9028, 0.2917, 0.3245**, and if you desaturate by 10%, it is **65.0879, 0.3223, 0.3308**.

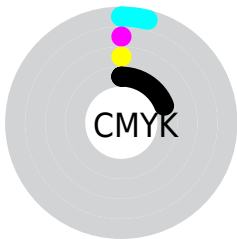
Distribution



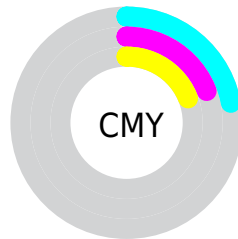
- Red (78%)
- Green (81%)
- Blue (81%)



- Red (78%)
- Yellow (80%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7897, 0.3068, 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 60.7897, 0.3068, 0.3278 by changing the saturation by 10% instead.

■ 60.7897, 0.3068,
0.3278

■ 60.7897, 0.3068,
0.3278

427.5025, 0.3096,
0.3284

■ 44.0555, 0.3061,
0.3277

105.9744, 0.3078,
0.3280

■ 30.7141, 0.3053,
0.3275

135.1936, 0.3082,
0.3281

■ 20.3813, 0.3042,
0.3272

169.3433, 0.3085,
0.3282

■ 12.6725, 0.3028,
0.3269

208.8079, 0.3088,
0.3282

■ 7.2034, 0.3007,
0.3265

253.9717, 0.3090,
0.3283

■ 3.5896, 0.2976,
0.3258

305.2191, 0.3093,

■ 1.4468, 0.2923,

0.3283

0.3246

362.9346, 0.3095,
0.3284

0.2508, 0.2311,
0.3126

0.0000, 0.0000,
0.0000

60.7897, 0.3068,
0.3278

60.7897, 0.3068,
0.3278

56.9028, 0.2917,
0.3245

65.0879, 0.3223,
0.3308

53.4038, 0.2771,
0.3209

69.8042, 0.3378,
0.3335

50.2787, 0.2635,
0.3170

73.7709, 0.3485,
0.3361

47.5098, 0.2512,
0.3129

75.1022, 0.3480,
0.3387

■ 45.0776, 0.2403,
0.3086

■ 76.4548, 0.3476,
0.3413

■ 42.9609, 0.2311,
0.3043

■ 77.8288, 0.3471,
0.3440

■ 41.1356, 0.2239,
0.2998

■ 79.2243, 0.3466,
0.3466

■ 39.5744, 0.2185,
0.2954

■ 80.6413, 0.3461,
0.3492

■ 38.2437, 0.2150,
0.2910

■ 82.0800, 0.3456,
0.3517

Harmonies

Analogous

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



60.7897, 0.3087, 0.3307



60.7897, 0.3068, 0.3278



60.7897, 0.3065, 0.3252

Triad

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



60.7897, 0.3068, 0.3278



60.7897, 0.3137, 0.3249



60.7897, 0.3177, 0.3344

Complementary

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



60.7897, 0.3068, 0.3278



58.7220, 0.3189, 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.



60.7897, 0.3190, 0.3328



60.7897, 0.3068, 0.3278



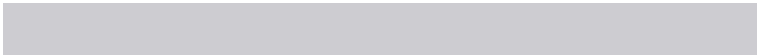
60.7897, 0.3167, 0.3273

Square

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



60.7897, 0.3068, 0.3278



60.7897, 0.3104, 0.3236



60.7897, 0.3187, 0.3302



60.7897, 0.3150, 0.3346

Rectangle

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



60.7897, 0.3068, 0.3278



60.7897, 0.3072, 0.3240



60.7897, 0.3187, 0.3302



60.7897, 0.3183, 0.3340

Sweetspot

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



60.7923, 0.3068, 0.3278



99.3144, 0.3112, 0.3287



60.9409, 0.3116, 0.3373



21.2646, 0.3112, 0.3287



0.0000, 0.0000, 0.0000



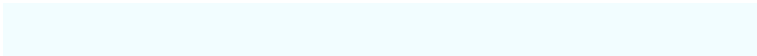
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7923, 0.3068, 0.3278



96.6393, 0.3049, 0.3274



58.9384, 0.3069, 0.3232



13.4749, 0.3040, 0.3272



23.7257, 0.2136, 0.2889



1.3995, 0.2158, 0.2970

Inverse Universe

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



58.5890, 0.3139, 0.3209



92.0300, 0.3143, 0.3183



60.5517, 0.3186, 0.3347



12.7579, 0.3144, 0.3171



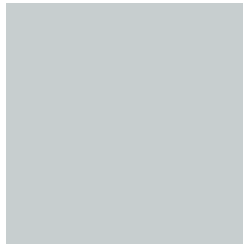
10.4664, 0.3553, 0.1731



0.5926, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 60.7897, 0.3068, 0.3278 looks on a white background.

Color Contrast Check

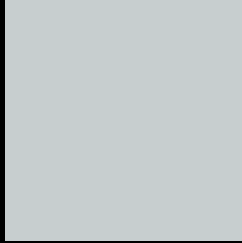
Large Text (above 18pt) WCAG AA × Fail

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 60.7897, 0.3068, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

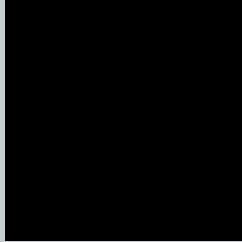
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

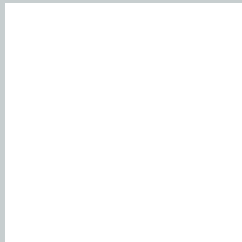
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7897, 0.3068, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 60.7897, 0.3068, 0.3278.

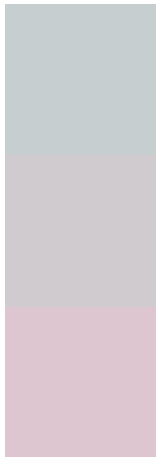


This preview shows how white text looks on a background with the Yxy color 60.7897, 0.3068, 0.3278.

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

60.7897, 0.3068, 0.3278

Protanopia

60.5780, 0.3144, 0.3255

Deuteranopia

60.5212, 0.3235, 0.3167



Tritanopia

60.7705, 0.2994, 0.3105

Trichromacy



Original Color

60.7897, 0.3068, 0.3278

Protanomaly

60.6211, 0.3121, 0.3267

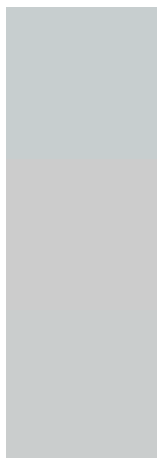
Deuteranomaly

60.6235, 0.3177, 0.3210

Tritanomaly

60.8483, 0.3020, 0.3173

Monochromacy



Original Color

60.7897, 0.3068, 0.3278

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6270, 0.3104, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7897, 0.3068, 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(199, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 206, 207)  
}
```

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(199, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 206, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.7897, 0.3068, 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(199, 206, 207) }
```

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

```
.border{ border-color:rgb(199, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 206,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7897, 0.3068, 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(199, 206, 207) }
```

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

```
.background{ background-color: rgb(199,  
206, 207) }
```

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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