

Converting Colors

$Yxy(60.2846, 0.3069, 0.3268)$

Have a look what the booklet for
Yxy(60.2846, 0.3069, 0.3268)
contains.

Yxy(60.3098, 0.3068, 0.3266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.3098, 0.3068, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C7CDCF
RGB	199, 205, 207
RGB Percent	78%, 80%, 81%
CMY	0.2195, 0.1961, 0.1882
CMYK	0.04, 0.01, 0.00, 0.19
HSL	195°, 8%, 80%
HSV	195°, 4%, 81%
XYZ	56.6535, 60.3098, 67.6962
YIQ	203.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

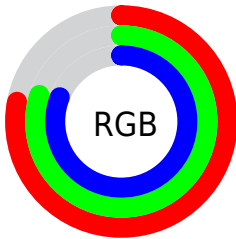
Format	Color
RYP	199, 202, 207
Decimal	13094351
CIELab	82.01, -1.65, -1.72
CIElCh	82, 2.386, 226.234
Yxy	60.3098, 0.3068, 0.3266
Android (android.graphics.Color)	4291284431 (0xFFC7CDCF)
YUV	203.4340, 1.7580, -3.8886
Hunter-Lab	77.6594, -5.6858, 2.6781

Details

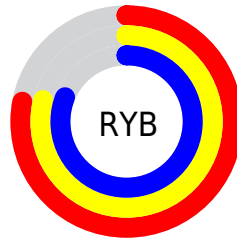
The Yxy color **60.3098, 0.3068, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1881, 0.3188, 0.3314**, and the grayscale version is **60.0030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4529, 0.3049, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **55.2071, 0.2915, 0.3199**, and if you desaturate by 10%, it is **65.8867, 0.3221, 0.3326**.

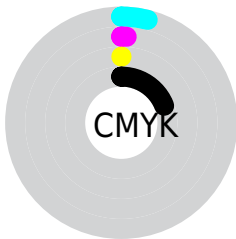
Distribution



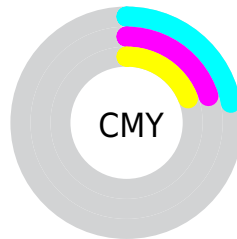
- Red (78%)
- Green (80%)
- Blue (81%)



- Red (78%)
- Yellow (79%)
- Blue (81%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3098, 0.3068, 0.3266 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 60.3098, 0.3068, 0.3266 by changing the saturation by 10% instead.

■ 60.3098, 0.3068,
0.3266

■ 60.3098, 0.3068,
0.3266

425.7387, 0.3096,
0.3278

■ 43.6684, 0.3061,
0.3263

105.2789, 0.3078,
0.3270

■ 30.4099, 0.3053,
0.3260

134.3755, 0.3082,
0.3272

■ 20.1499, 0.3042,
0.3255

168.3925, 0.3085,
0.3273

■ 12.5041, 0.3027,
0.3249

207.7144, 0.3088,
0.3274

■ 7.0879, 0.3007,
0.3240

252.7256, 0.3090,
0.3275

■ 3.5172, 0.2975,
0.3227

303.8104, 0.3093,

■ 1.4073, 0.2922,

0.3276

0.3203

361.3533, 0.3095,
0.3277

0.2221, 0.2262,
0.2941

0.0000, 0.0000,
0.0000

60.3098, 0.3068,
0.3266

60.3098, 0.3068,
0.3266

55.2071, 0.2915,
0.3199

65.8867, 0.3221,
0.3326

50.5545, 0.2764,
0.3126

71.9455, 0.3372,
0.3380

46.3375, 0.2619,
0.3047

77.3217, 0.3472,
0.3430

42.5374, 0.2483,
0.2963

80.1248, 0.3463,
0.3482

■ 39.1341, 0.2359,
0.2874

■ 83.0147, 0.3453,
0.3534

■ 36.1056, 0.2250,
0.2782

■ 85.9924, 0.3444,
0.3585

■ 33.4271, 0.2160,
0.2688

■ 89.0586, 0.3435,
0.3635

■ 31.0703, 0.2088,
0.2593

■ 92.2138, 0.3426,
0.3685

■ 29.0009, 0.2037,
0.2499

■ 95.4590, 0.3417,
0.3734

Harmonies

Analogous

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



60.3098, 0.3079, 0.3293



60.3098, 0.3068, 0.3266



60.3098, 0.3073, 0.3246

Triad

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



60.3098, 0.3068, 0.3266



60.3098, 0.3151, 0.3262



60.3098, 0.3163, 0.3343

Complementary

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



60.3098, 0.3068, 0.3266



59.1881, 0.3188, 0.3314

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.



60.3098, 0.3182, 0.3334



60.3098, 0.3068, 0.3266



60.3098, 0.3176, 0.3287

Square

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



60.3098, 0.3068, 0.3266



60.3098, 0.3121, 0.3243



60.3098, 0.3187, 0.3314



60.3098, 0.3134, 0.3338

Rectangle

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



60.3098, 0.3068, 0.3266



60.3098, 0.3084, 0.3239



60.3098, 0.3187, 0.3314



60.3098, 0.3170, 0.3342

Sweetspot

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



60.3124, 0.3068, 0.3266



99.1088, 0.3112, 0.3284



60.9977, 0.3109, 0.3361



21.2228, 0.3112, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

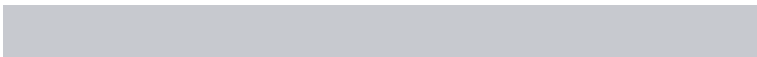
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3124, 0.3068, 0.3266



95.6214, 0.3050, 0.3258



58.4363, 0.3069, 0.3219



13.3160, 0.3041, 0.3255



17.6928, 0.2015, 0.2455



1.1118, 0.2063, 0.2626

Inverse Universe

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



58.5347, 0.3146, 0.3220



91.9272, 0.3152, 0.3199



61.0644, 0.3185, 0.3360



12.7419, 0.3155, 0.3188



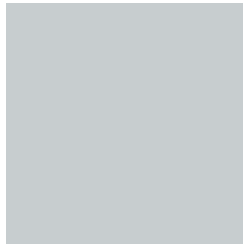
9.8574, 0.3967, 0.1959



0.5635, 0.3799, 0.1866

Previews

White Background



This preview shows how the Yxy color 60.3098, 0.3068, 0.3266 looks on a white background.

Color Contrast Check

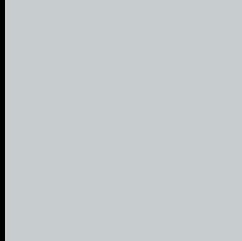
Large Text (above 18pt) WCAG AA × Fail

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 60.3098, 0.3068, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

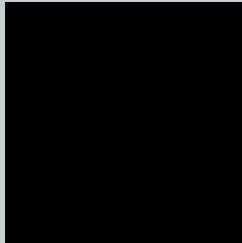
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

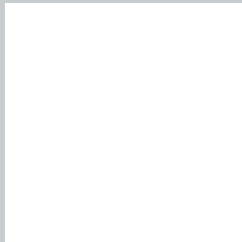
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3098, 0.3068, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 60.3098, 0.3068, 0.3266.

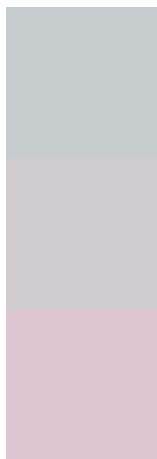


This preview shows how white text looks on a background with the Yxy color 60.3098, 0.3068, 0.3266.

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

60.3098, 0.3068, 0.3266

Protanopia

60.4335, 0.3136, 0.3255

Deuteranopia

59.9081, 0.3228, 0.3155



Tritanopia

60.2439, 0.3001, 0.3105

Trichromacy



Original Color

60.3098, 0.3068, 0.3266

Protanomaly

60.4793, 0.3113, 0.3267

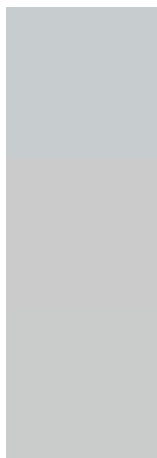
Deuteranomaly

60.0088, 0.3170, 0.3199

Tritanomaly

60.3714, 0.3021, 0.3162

Monochromacy



Original Color

60.3098, 0.3068, 0.3266

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1019, 0.3112, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3098, 0.3068, 0.3266 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, 205, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 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, 205, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.3098, 0.3068, 0.3266 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, 205, 207) }
```

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

```
.border{ border-color:rgb(199, 205, 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, 205, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3098, 0.3068, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 207) }
```

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

```
.background{ background-color: rgb(199,  
205, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor