

Converting Colors

$Yxy(60.2013, 0.3009, 0.3333)$

Have a look what the booklet for
Yxy(60.2013, 0.3009, 0.3333)
contains.

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Color

Yxy(60.2902, 0.3014, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	BDD0CC
RGB	189, 208, 204
RGB Percent	74%, 82%, 80%
CMY	0.2589, 0.1843, 0.2000
CMYK	0.09, 0.00, 0.02, 0.18
HSL	167°, 17%, 78%
HSV	167°, 9%, 82%
XYZ	54.4382, 60.2902, 65.8893
YIQ	201.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

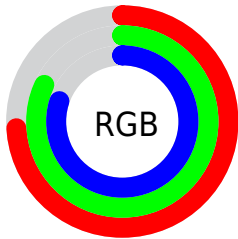
Format	Color
R _{YB}	189, 200, 208
Decimal	12439756
CIE Lab	82.00, -7.16, -0.21
CIE LCh	82, 7.165, 181.669
Yxy	60.2902, 0.3014, 0.3338
Android (android.graphics.Color)	4290629836 (0xFFBDD0CC)
YUV	201.8630, 1.0535, -11.2809
Hunter-Lab	77.6468, -10.7354, 4.0405

Details

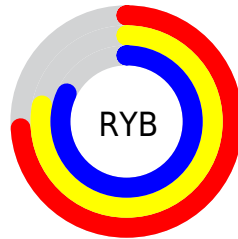
The Yxy color **60.2902, 0.3014, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6523, 0.3254, 0.3243**, and the grayscale version is **58.9708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **30.5475, 0.2988, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **57.6130, 0.2895, 0.3396**, and if you desaturate by 10%, it is **63.3599, 0.3138, 0.3286**.

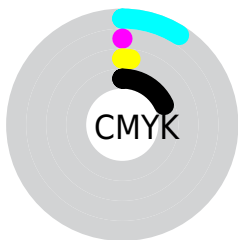
Distribution



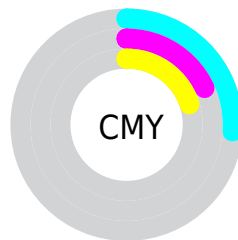
- Red (74%)
- Green (82%)
- Blue (80%)



- Red (74%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2902, 0.3014, 0.3338 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 60.2902, 0.3014, 0.3338 by changing the saturation by 10% instead.

■ 60.2902, 0.3014,
0.3338

■ 60.2902, 0.3014,
0.3338

425.6666, 0.3068,
0.3315

■ 43.6526, 0.3001,
0.3343

■ 105.2505, 0.3033,
0.3330

■ 30.3975, 0.2985,
0.3350

134.3420, 0.3041,
0.3327

■ 20.1405, 0.2964,
0.3359

168.3536, 0.3047,
0.3324

■ 12.4972, 0.2936,
0.3371

207.6697, 0.3052,
0.3322

■ 7.0832, 0.2897,
0.3387

252.6746, 0.3057,
0.3320

■ 3.5142, 0.2836,
0.3412

303.7528, 0.3061,

■ 1.4057, 0.2733,

0.3318

0.3455

361.2887, 0.3065,
0.3317

0.2209, 0.0688,
0.4322

0.0000, 0.0000,
0.0000

60.2902, 0.3014,
0.3338

60.2902, 0.3014,
0.3338

57.6130, 0.2895,
0.3396

63.3599, 0.3138,
0.3286

55.3045, 0.2785,
0.3458


66.8297, 0.3265,
0.3239


53.3499, 0.2685,
0.3526


70.7166, 0.3392,
0.3197


51.7303, 0.2599,
0.3597

71.6264, 0.3387,
0.3154

 50.4254, 0.2530,
0.3671


 71.8643, 0.3355,
0.3110


 49.4121, 0.2479,
0.3748

 72.1085, 0.3322,
0.3066


 48.6647, 0.2448,
0.3825

 72.3589, 0.3291,
0.3023

 48.1525, 0.2436,
0.3903

 72.6155, 0.3259,
0.2981

 47.8247, 0.2440,
0.3980

 72.8785, 0.3228,
0.2939

Harmonies

Analogous

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



60.2902, 0.3098, 0.3410



60.2902, 0.3014, 0.3338



60.2902, 0.2961, 0.3254

Triad

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



60.2902, 0.3014, 0.3338



60.2902, 0.3063, 0.3138



60.2902, 0.3306, 0.3396

Complementary

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



60.2902, 0.3014, 0.3338



53.6523, 0.3254, 0.3243

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.



60.2902, 0.3297, 0.3322



60.2902, 0.3014, 0.3338



60.2902, 0.3155, 0.3175

Square

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



60.2902, 0.3014, 0.3338



60.2902, 0.2989, 0.3140



60.2902, 0.3241, 0.3242



60.2902, 0.3267, 0.3442

Rectangle

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



60.2902, 0.3014, 0.3338



60.2902, 0.2949, 0.3203



60.2902, 0.3241, 0.3242



60.2902, 0.3308, 0.3373

Sweetspot

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



60.2927, 0.3014, 0.3338



98.4743, 0.3089, 0.3305



60.1416, 0.3147, 0.3521



20.9924, 0.3079, 0.3310



0.0000, 0.0000, 0.0000



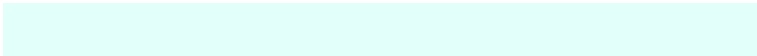
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2927, 0.3014, 0.3338



94.6872, 0.2990, 0.3349



57.9045, 0.2987, 0.3225



13.3625, 0.3011, 0.3340



29.8031, 0.2438, 0.3975



1.6774, 0.2398, 0.3834

Inverse Universe

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



53.6523, 0.3254, 0.3243



82.0467, 0.3285, 0.3232



55.8370, 0.3279, 0.3355



11.8485, 0.3258, 0.3241



8.4823, 0.6030, 0.3095



0.4862, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 60.2902, 0.3014, 0.3338 looks on a white background.

Color Contrast Check

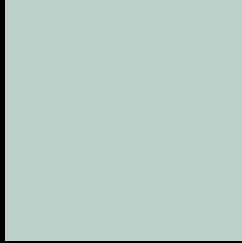
Large Text (above 18pt) WCAG AA × Fail

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 60.2902, 0.3014, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

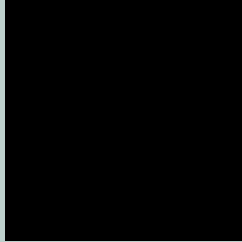
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

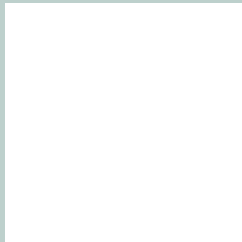
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2902, 0.3014, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 60.2902, 0.3014, 0.3338.

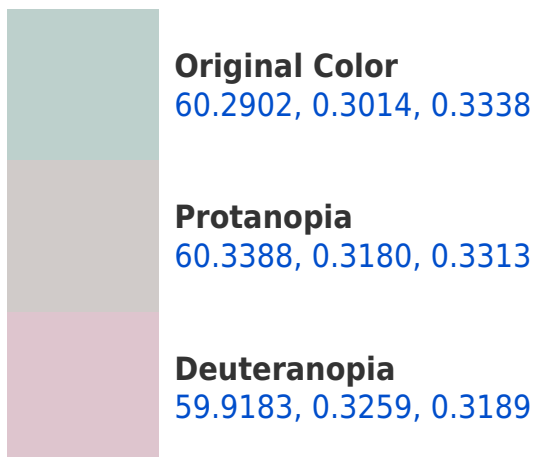


This preview shows how white text looks on a background with the Yxy color 60.2902, 0.3014, 0.3338.

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

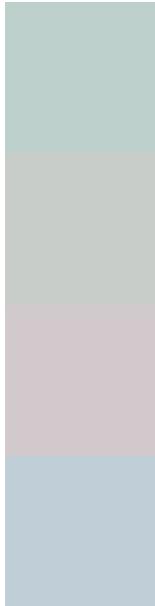




Tritanopia

60.1430, 0.2916, 0.3090

Trichromacy



Original Color

60.2902, 0.3014, 0.3338

Protanomaly

60.3444, 0.3118, 0.3325

Deuteranomaly

59.8827, 0.3168, 0.3244

Tritanomaly

60.1253, 0.2955, 0.3183

Monochromacy



Original Color

60.2902, 0.3014, 0.3338

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3678, 0.3081, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2902, 0.3014, 0.3338 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(189, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 204)  
}
```

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(189, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 204) }
```

Border

The CSS property to change the border of an element to Yxy 60.2902, 0.3014, 0.3338 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(189, 208, 204) }
```

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

```
.border{ border-color:rgb(189, 208, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 208, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 208, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 208, 204); box-shadow:4px 4px 4px 4px rgb(189, 208, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2902, 0.3014, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 204) }
```

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

```
.background{ background-color: rgb(189,  
208, 204) }
```

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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