

Converting Colors

$Yxy(59.7528, 0.3022, 0.3299)$

Have a look what the booklet for
Yxy(59.7528, 0.3022, 0.3299)
contains.

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Color

Yxy(59.6268, 0.3022, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	BFCECD
RGB	191, 206, 205
RGB Percent	75%, 81%, 80%
CMY	0.2511, 0.1921, 0.1961
CMYK	0.07, 0.00, 0.00, 0.19
HSL	176°, 13%, 78%
HSV	176°, 7%, 81%
XYZ	54.5706, 59.6268, 66.3804
YIQ	201.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

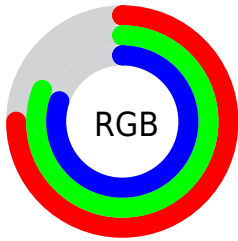
Format	Color
R _Y B	191, 199, 206
Decimal	12570317
CIE Lab	81.63, -5.27, -1.25
CIE LCh	82, 5.417, 193.341
Yxy	59.6268, 0.3022, 0.3302
Android (android.graphics.Color)	4290760397 (0xFFBFCECD)
YUV	201.4010, 1.7743, -9.1217
Hunter-Lab	77.2184, -8.9853, 3.0845

Details

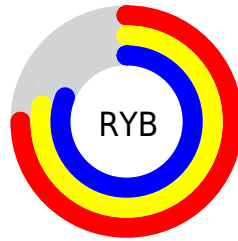
The Yxy color **59.6268, 0.3022, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1815, 0.3243, 0.3278**, and the grayscale version is **58.6619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **30.0941, 0.2998, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **57.0762, 0.2884, 0.3320**, and if you desaturate by 10%, it is **62.5587, 0.3167, 0.3286**.

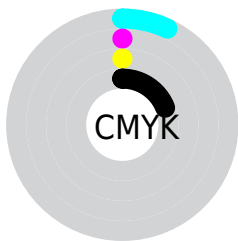
Distribution



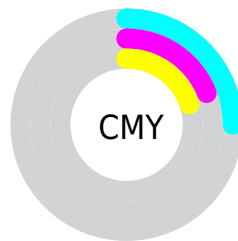
- Red (75%)
- Green (81%)
- Blue (80%)



- Red (75%)
- Yellow (78%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)





- Cyan (25%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6268, 0.3022, 0.3302 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 59.6268, 0.3022, 0.3302 by changing the saturation by 10% instead.

 59.6268, 0.3022,
0.3302

 59.6268, 0.3022,
0.3302


423.2208, 0.3072,
0.3297

 43.1179, 0.3010,
0.3303


 104.2881, 0.3040,
0.3300

 29.9776, 0.2995,
0.3305


133.2093, 0.3047,
0.3299

 19.8216, 0.2976,
0.3307


167.0367, 0.3052,
0.3299

 12.2654, 0.2950,
0.3309

206.1547, 0.3058,
0.3298

 6.9247, 0.2913,
0.3313

250.9477, 0.3062,
0.3298

 3.4151, 0.2856,
0.3318

301.8002, 0.3066,

 1.3521, 0.2760,

0.3297

359.0964, 0.3069,
0.3297

0.3326

0.1810, 0.0852,
0.3557

0.0000, 0.0000,
0.0000

59.6268, 0.3022,
0.3302

59.6268, 0.3022,
0.3302

57.0762, 0.2884,
0.3320

62.5587, 0.3167,
0.3286

54.8838, 0.2756,
0.3339

65.8790, 0.3316,
0.3271

53.0354, 0.2640,
0.3360

69.6042, 0.3466,
0.3258

51.5130, 0.2539,
0.3381

70.0927, 0.3472,
0.3244

■ 50.2968, 0.2455,
0.3404

■ 70.1634, 0.3462,
0.3230

■ 49.3653, 0.2391,
0.3427

■ 70.2348, 0.3451,
0.3215

■ 48.6937, 0.2345,
0.3450

■ 70.3068, 0.3440,
0.3201

■ 48.2532, 0.2318,
0.3473

■ 70.3794, 0.3430,
0.3187

■ 48.0045, 0.2308,
0.3495

■ 70.4527, 0.3419,
0.3173

Harmonies

Analogous

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



59.6268, 0.3078, 0.3362



59.6268, 0.3022, 0.3302



59.6268, 0.2994, 0.3240

Triad

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



59.6268, 0.3022, 0.3302



59.6268, 0.3105, 0.3182



59.6268, 0.3255, 0.3387

Complementary

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



59.6268, 0.3022, 0.3302



54.1815, 0.3243, 0.3278

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.



59.6268, 0.3263, 0.3338



59.6268, 0.3022, 0.3302



59.6268, 0.3175, 0.3220

Square

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



59.6268, 0.3022, 0.3302



59.6268, 0.3041, 0.3171



59.6268, 0.3233, 0.3277



59.6268, 0.3213, 0.3411

Rectangle

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



59.6268, 0.3022, 0.3302



59.6268, 0.2994, 0.3206



59.6268, 0.3233, 0.3277



59.6268, 0.3262, 0.3373

Sweetspot

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



59.6293, 0.3022, 0.3302



99.0231, 0.3098, 0.3293



59.1460, 0.3128, 0.3473



21.2052, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



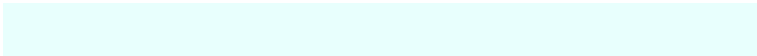
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6293, 0.3022, 0.3302



95.8036, 0.2996, 0.3305



56.7223, 0.3015, 0.3214



12.7133, 0.2992, 0.3306



29.5289, 0.2305, 0.3498



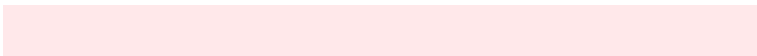
1.5274, 0.2293, 0.3453

Inverse Universe

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



54.1815, 0.3243, 0.3278



84.9200, 0.3275, 0.3275



56.9269, 0.3244, 0.3365



11.2259, 0.3279, 0.3275



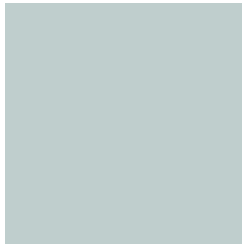
8.1049, 0.6319, 0.3255



0.4226, 0.6056, 0.3110

Previews

White Background



This preview shows how the Yxy color 59.6268, 0.3022, 0.3302 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 59.6268, 0.3022, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

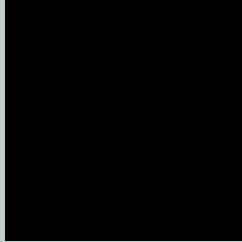
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

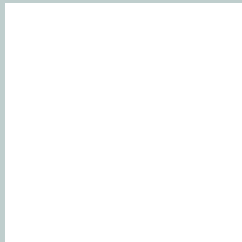
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6268, 0.3022, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 59.6268, 0.3022, 0.3302.

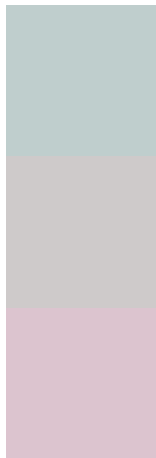


This preview shows how white text looks on a background with the Yxy color 59.6268, 0.3022, 0.3302.

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

59.6268, 0.3022, 0.3302

Protanopia

59.6271, 0.3158, 0.3290

Deuteranopia

59.2005, 0.3236, 0.3166



Tritanopia

59.6905, 0.2936, 0.3102

Trichromacy



Original Color

59.6268, 0.3022, 0.3302

Protanomaly

59.4412, 0.3112, 0.3290

Deuteranomaly

59.3201, 0.3154, 0.3221

Tritanomaly

59.7754, 0.2962, 0.3171

Monochromacy



Original Color

59.6268, 0.3022, 0.3302

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8465, 0.3088, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6268, 0.3022, 0.3302 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(191, 206, 205)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 205)  
}
```

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(191, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 205) }
```

Border

The CSS property to change the border of an element to Yxy 59.6268, 0.3022, 0.3302 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(191, 206, 205) }
```

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

```
.border{ border-color:rgb(191, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(191, 206,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6268, 0.3022, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 205) }
```

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

```
.background{ background-color: rgb(191,  
206, 205) }
```

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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