

Converting Colors

$Yxy(57.2809, 0.3073, 0.3302)$

Have a look what the booklet for
Yxy(57.2809, 0.3073, 0.3302)
contains.

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Color

Yxy(57.2809, 0.3073, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	C1C9C8
RGB	193, 201, 200
RGB Percent	76%, 79%, 78%
CMY	0.2430, 0.2118, 0.2157
CMYK	0.04, 0.00, 0.01, 0.21
HSL	172°, 7%, 77%
HSV	172°, 4%, 79%
XYZ	53.3084, 57.2809, 62.8841
YIQ	198.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

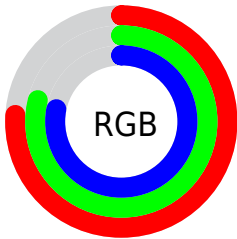
Format	Color
RYB	193, 197, 201
Decimal	12700104
CIELab	80.34, -2.91, -0.46
CIElCh	80, 2.942, 188.912
Yxy	57.2809, 0.3073, 0.3302
Android (android.graphics.Color)	4290890184 (0xFFC1C9C8)
YUV	198.4940, 0.7425, -4.8182
Hunter-Lab	75.6841, -6.7202, 3.7163

Details

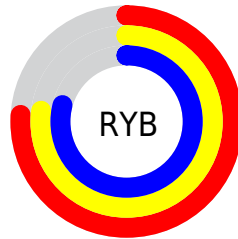
The Yxy color **57.2809, 0.3073, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4661, 0.3184, 0.3278**, and the grayscale version is **56.7890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **28.5182, 0.3065, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **54.7005, 0.2940, 0.3334**, and if you desaturate by 10%, it is **60.2272, 0.3211, 0.3273**.

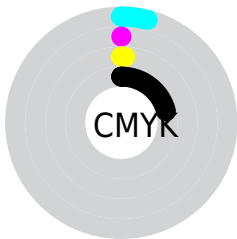
Distribution



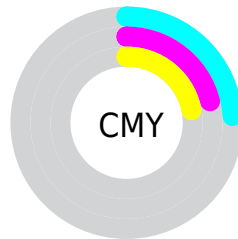
- Red (76%)
- Green (79%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2809, 0.3073, 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 57.2809, 0.3073, 0.3302 by changing the saturation by 10% instead.

■ 57.2809, 0.3073,
0.3302

■ 57.2809, 0.3073,
0.3302

414.5010, 0.3099,
0.3296

■ 41.2308, 0.3067,
0.3303

■ 100.8749, 0.3082,
0.3300

■ 28.4995, 0.3059,
0.3305

129.1877, 0.3086,
0.3299

■ 18.7025, 0.3049,
0.3307

162.3568, 0.3089,
0.3299

■ 11.4555, 0.3035,
0.3310

200.7666, 0.3092,
0.3298

■ 6.3741, 0.3015,
0.3314

244.8015, 0.3094,
0.3298

■ 3.0739, 0.2984,
0.3321

294.8460, 0.3096,

■ 1.1704, 0.2930,

0.3297

0.3332

351.2844, 0.3098,
0.3297

0.0373, 0.0000,
0.3399

0.0000, 0.0000,
0.0000

57.2809, 0.3073,
0.3302

57.2809, 0.3073,
0.3302

54.7005, 0.2940,
0.3334

60.2272, 0.3211,
0.3273

52.4643, 0.2815,
0.3370

63.5456, 0.3351,
0.3246

50.5593, 0.2701,
0.3408

67.2515, 0.3491,
0.3223


48.9691, 0.2600,
0.3448

67.6930, 0.3485,
0.3197


 47.6756, 0.2515,
0.3490

 67.8207, 0.3465,
0.3171


 46.6592, 0.2448,
0.3534


 67.9505, 0.3445,
0.3146


 45.8977, 0.2400,
0.3578

 68.0822, 0.3426,
0.3120

 45.3654, 0.2371,
0.3622

 68.2160, 0.3406,
0.3095

 45.0314, 0.2360,
0.3666

 68.3518, 0.3387,
0.3069

Harmonies

Analogous

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



57.2809, 0.3106, 0.3333



57.2809, 0.3073, 0.3302



57.2809, 0.3055, 0.3268

Triad

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



57.2809, 0.3073, 0.3302



57.2809, 0.3109, 0.3228



57.2809, 0.3199, 0.3341

Complementary

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



57.2809, 0.3073, 0.3302



54.4661, 0.3184, 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.



57.2809, 0.3200, 0.3312



57.2809, 0.3073, 0.3302



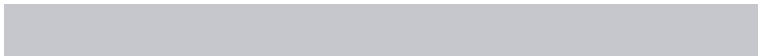
57.2809, 0.3148, 0.3248

Square

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



57.2809, 0.3073, 0.3302



57.2809, 0.3076, 0.3225



57.2809, 0.3182, 0.3278



57.2809, 0.3179, 0.3356

Rectangle

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



57.2809, 0.3073, 0.3302



57.2809, 0.3053, 0.3248



57.2809, 0.3182, 0.3278



57.2809, 0.3202, 0.3332

Sweetspot

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



57.2833, 0.3073, 0.3302



99.4988, 0.3113, 0.3293



57.1053, 0.3131, 0.3387



21.3021, 0.3114, 0.3293



0.0000, 0.0000, 0.0000



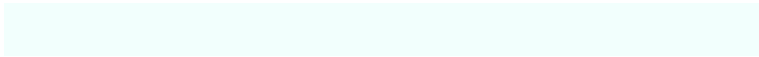
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2833, 0.3073, 0.3302



97.5582, 0.3058, 0.3305



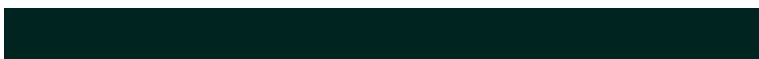
55.9809, 0.3067, 0.3254



12.2567, 0.3051, 0.3307



28.2360, 0.2357, 0.3685



1.3436, 0.2332, 0.3594

Inverse Universe

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



54.4661, 0.3184, 0.3278



91.4364, 0.3201, 0.3275



55.7262, 0.3189, 0.3325



11.4042, 0.3209, 0.3273



7.8604, 0.6225, 0.3203



0.3796, 0.5773, 0.2954

Previews

White Background



This preview shows how the Yxy color 57.2809, 0.3073, 0.3302 looks on a white background.

Color Contrast Check

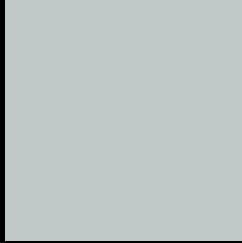
Large Text (above 18pt) WCAG AA × Fail

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 57.2809, 0.3073, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

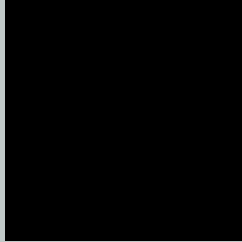
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

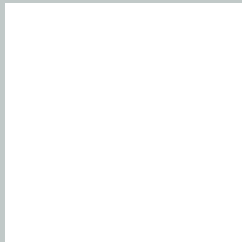
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2809, 0.3073, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 57.2809, 0.3073, 0.3302.



This preview shows how white text looks on a background with the Yxy color 57.2809, 0.3073, 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

57.2809, 0.3073, 0.3302

Protanopia

57.1619, 0.3167, 0.3290

Deuteranopia

57.1559, 0.3253, 0.3187



Tritanopia

57.3040, 0.2990, 0.3112

Trichromacy



Original Color

57.2809, 0.3073, 0.3302

Protanomaly

57.1125, 0.3127, 0.3290

Deuteranomaly

57.1068, 0.3186, 0.3232

Tritanomaly

57.3813, 0.3017, 0.3182

Monochromacy



Original Color

57.2809, 0.3073, 0.3302

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3024, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2809, 0.3073, 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(193, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(193, 201, 200)  
}
```

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(193, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 201, 200) }
```

Border

The CSS property to change the border of an element to Yxy 57.2809, 0.3073, 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(193, 201, 200) }
```

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

```
.border{ border-color:rgb(193, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(193, 201,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2809, 0.3073, 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(193, 201, 200) }
```

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

```
.background{ background-color: rgb(193,  
201, 200) }
```

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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