

Converting Colors

$Y_{xy}(59.2572, 0.3215, 0.3256)$

Have a look what the booklet for
Yxy(59.2572, 0.3215, 0.3256)
contains.

Yxy(59.2572, 0.3215, 0.3256)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.2572, 0.3215, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	D5C7CA
RGB	213, 199, 202
RGB Percent	84%, 78%, 79%
CMY	0.1649, 0.2195, 0.2079
CMYK	0.00, 0.07, 0.05, 0.16
HSL	347°, 14%, 81%
HSV	347°, 7%, 84%
XYZ	58.5110, 59.2572, 64.2256
YIQ	203.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

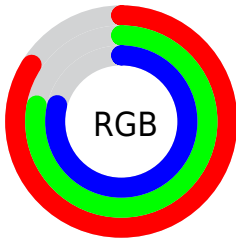
Format	Color
R _Y B	213, 199, 202
Decimal	14010314
CIE Lab	81.43, 5.37, 0.26
CIE LCh	81, 5.378, 2.737
Yxy	59.2572, 0.3215, 0.3256
Android (android.graphics.Color)	4292200394 (0xFFD5C7CA)
YUV	203.5280, -0.7533, 8.3069
Hunter-Lab	76.9787, 0.9640, 4.4177

Details

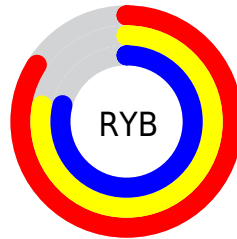
The Yxy color **59.2572, 0.3215, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3566, 0.3046, 0.3324**, and the grayscale version is **60.0685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.6580, 0.3235, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **49.3842, 0.3375, 0.3201**, and if you desaturate by 10%, it is **70.5927, 0.3085, 0.3307**.

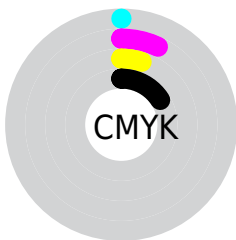
Distribution



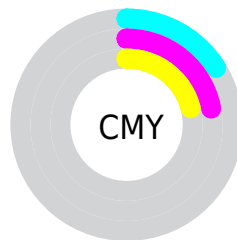
- Red (84%)
- Green (78%)
- Blue (79%)



- Red (84%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2572, 0.3215, 0.3256 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 59.2572, 0.3215, 0.3256 by changing the saturation by 10% instead.

■ 59.2572, 0.3215,
0.3256

■ 59.2572, 0.3215,
0.3256

421.8544, 0.3173,
0.3272

■ 42.8202, 0.3225,
0.3252

103.7514, 0.3200,
0.3262

■ 29.7441, 0.3238,
0.3247

132.5774, 0.3194,
0.3264

■ 19.6444, 0.3254,
0.3241

166.3018, 0.3189,
0.3266

■ 12.1368, 0.3276,
0.3232

205.3090, 0.3185,
0.3268

■ 6.8369, 0.3308,
0.3220

249.9835, 0.3182,
0.3269

■ 3.3603, 0.3356,
0.3201

300.7097, 0.3178,

■ 1.3226, 0.3440,

0.3270

0.3167

357.8718, 0.3175,
0.3271

0.1586, 0.4736,
0.2665

0.0000, 0.0000,
0.0000

59.2572, 0.3215,
0.3256

59.2572, 0.3215,
0.3256

49.3842, 0.3375,
0.3201

70.5927, 0.3085,
0.3307

40.9065, 0.3573,
0.3143

83.4389, 0.2980,
0.3354

33.7634, 0.3816,
0.3086

92.7018, 0.2891,
0.3317

27.8866, 0.4109,
0.3032

92.8774, 0.2877,
0.3289

■ 23.2015, 0.4454,
0.2988

■ 19.6259, 0.4842,
0.2964

■ 17.0671, 0.5251,
0.2968

■ 15.4171, 0.5641,
0.3009

■ 14.5385, 0.5964,
0.3085

Harmonies

Analogous

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



59.2572, 0.3151, 0.3204



59.2572, 0.3215, 0.3256



59.2572, 0.3256, 0.3317

Triad

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



59.2572, 0.3215, 0.3256



59.2572, 0.3173, 0.3408



59.2572, 0.2995, 0.3207

Complementary

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



59.2572, 0.3215, 0.3256



64.3566, 0.3046, 0.3324

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.



59.2572, 0.3000, 0.3261



59.2572, 0.3215, 0.3256



59.2572, 0.3103, 0.3378

Square

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



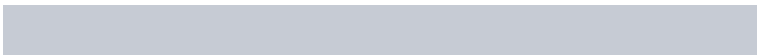
59.2572, 0.3215, 0.3256



59.2572, 0.3231, 0.3406



59.2572, 0.3040, 0.3324



59.2572, 0.3024, 0.3176

Rectangle

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



59.2572, 0.3215, 0.3256



59.2572, 0.3264, 0.3355



59.2572, 0.3040, 0.3324



59.2572, 0.2993, 0.3223

Sweetspot

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



59.2598, 0.3215, 0.3256



96.5333, 0.3153, 0.3280



59.3504, 0.3111, 0.3130



20.6984, 0.3152, 0.3280



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.



59.2598, 0.3215, 0.3256



86.6769, 0.3238, 0.3248



60.9590, 0.3233, 0.3336



12.4637, 0.3258, 0.3240



8.7711, 0.6026, 0.3093



0.5414, 0.5538, 0.2824

Inverse Universe

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



59.2598, 0.3215, 0.3256



86.6769, 0.3238, 0.3248



62.5470, 0.3027, 0.3244



12.4637, 0.3258, 0.3240



8.7711, 0.6026, 0.3093



0.5414, 0.5538, 0.2824

Previews

White Background



This preview shows how the Yxy color 59.2572, 0.3215, 0.3256 looks on a white background.

Color Contrast Check

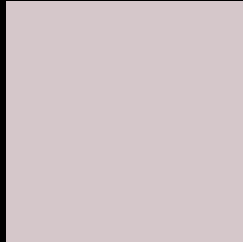
Large Text (above 18pt) WCAG AA × Fail

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 59.2572, 0.3215, 0.3256 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

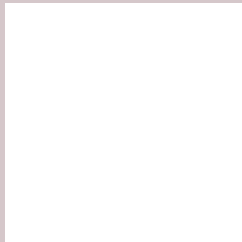
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2572, 0.3215, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 59.2572, 0.3215, 0.3256.



This preview shows how white text looks on a background with the Yxy color 59.2572, 0.3215, 0.3256.

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

59.2572, 0.3215, 0.3256

Protanopia

59.2069, 0.3152, 0.3267

Deuteranopia

59.3212, 0.3283, 0.3211



Tritanopia

59.1837, 0.3151, 0.3108

Trichromacy



Original Color

59.2572, 0.3215, 0.3256

Protanomaly

59.1757, 0.3176, 0.3255

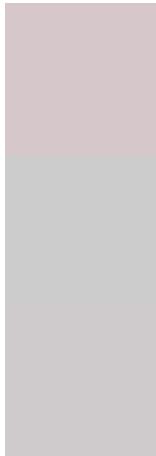
Deuteranomaly

59.3044, 0.3258, 0.3222

Tritanomaly

59.2878, 0.3172, 0.3164

Monochromacy



Original Color

59.2572, 0.3215, 0.3256

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8183, 0.3159, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2572, 0.3215, 0.3256 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(213, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 202)  
}
```

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(213, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 202) }
```

Border

The CSS property to change the border of an element to Yxy 59.2572, 0.3215, 0.3256 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(213, 199, 202) }
```

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

```
.border{ border-color:rgb(213, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2572, 0.3215, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 202) }
```

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

```
.background{ background-color: rgb(213,  
199, 202) }
```

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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