

Converting Colors

$Yxy(63.6459, 0.3039, 0.3364)$

Have a look what the booklet for
Yxy(63.6459, 0.3039, 0.3364)
contains.

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Color

Yxy(63.6956, 0.3037, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5CF
RGB	195, 213, 207
RGB Percent	76%, 84%, 81%
CMY	0.2351, 0.1647, 0.1882
CMYK	0.08, 0.00, 0.03, 0.16
HSL	160°, 18%, 80%
HSV	160°, 8%, 84%
XYZ	57.5725, 63.6956, 68.3022
YIQ	206.9340, -8.8020, -5.6820

Conversions

Conversions Part 2

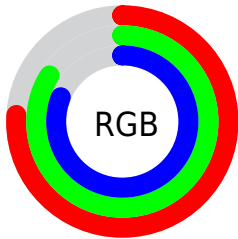
Format	Color
RYB	195, 206, 213
Decimal	12834255
CIELab	83.81, -7.15, 0.87
CIELCh	84, 7.202, 173.029
Yxy	63.6956, 0.3037, 0.3360
Android (android.graphics.Color)	4291024335 (0xFFC3D5CF)
YUV	206.9340, 0.0325, -10.4661
Hunter-Lab	79.8095, -10.9015, 5.1254

Details

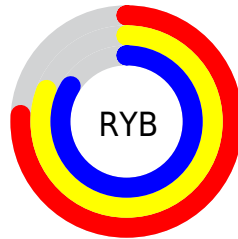
The Yxy color **63.6956, 0.3037, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4135, 0.3226, 0.3221**, and the grayscale version is **62.3626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.4163, 0.3009, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **60.7206, 0.2933, 0.3451**, and if you desaturate by 10%, it is **67.0963, 0.3144, 0.3278**.

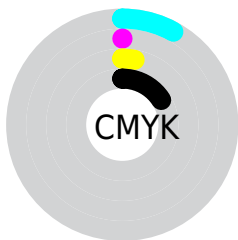
Distribution



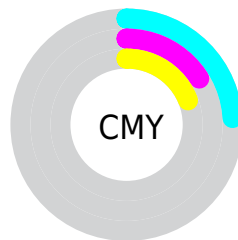
- Red (76%)
- Green (84%)
- Blue (81%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6956, 0.3037, 0.3360 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 63.6956, 0.3037, 0.3360 by changing the saturation by 10% instead.

■ 63.6956, 0.3037,
0.3360

■ 63.6956, 0.3037,
0.3360

438.0896, 0.3080,
0.3327

■ 46.4042, 0.3027,
0.3368

■ 110.1724, 0.3052,
0.3348

■ 32.5649, 0.3014,
0.3378

140.1266, 0.3058,
0.3344

■ 21.7933, 0.2998,
0.3390

175.0705, 0.3063,
0.3340

■ 13.7051, 0.2976,
0.3407

215.3886, 0.3067,
0.3337

■ 7.9159, 0.2946,
0.3431

261.4651, 0.3071,
0.3334

■ 4.0412, 0.2900,
0.3467

313.6845, 0.3074,

■ 1.6966, 0.2824,

0.3331

372.4312, 0.3077,
0.3329

0.3528

0.4215, 0.2163,
0.4032

0.0000, 0.0000,
0.0000

63.6956, 0.3037,
0.3360

63.6956, 0.3037,
0.3360

60.7206, 0.2933,
0.3451

67.0963, 0.3144,
0.3278

58.1459, 0.2836,
0.3552

70.9308, 0.3253,
0.3204

55.9559, 0.2748,
0.3660

74.4616, 0.3332,
0.3137

54.1305, 0.2673,
0.3777

74.8642, 0.3281,
0.3067

■ 52.6479, 0.2612,
0.3899

■ 75.2831, 0.3232,
0.2999

■ 51.4841, 0.2570,
0.4025

■ 75.7185, 0.3183,
0.2931

■ 50.6116, 0.2547,
0.4153

■ 76.0642, 0.3146,
0.2881

■ 49.9982, 0.2544,
0.4281

■ 49.5955, 0.2560,
0.4407

Harmonies

Analogous

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



63.6956, 0.3125, 0.3423



63.6956, 0.3037, 0.3360



63.6956, 0.2974, 0.3278

Triad

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



63.6956, 0.3037, 0.3360



63.6956, 0.3040, 0.3136



63.6956, 0.3306, 0.3375

Complementary

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



63.6956, 0.3037, 0.3360



57.4135, 0.3226, 0.3221

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.



63.6956, 0.3283, 0.3299



63.6956, 0.3037, 0.3360



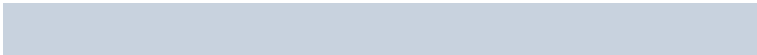
63.6956, 0.3128, 0.3162

Square

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



63.6956, 0.3037, 0.3360



63.6956, 0.2975, 0.3150



63.6956, 0.3217, 0.3221



63.6956, 0.3281, 0.3431

Rectangle

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



63.6956, 0.3037, 0.3360



63.6956, 0.2954, 0.3225



63.6956, 0.3217, 0.3221



63.6956, 0.3304, 0.3351

Sweetspot

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



63.6983, 0.3037, 0.3360



98.4149, 0.3095, 0.3314



63.9478, 0.3161, 0.3501



20.9763, 0.3086, 0.3321



0.0000, 0.0000, 0.0000



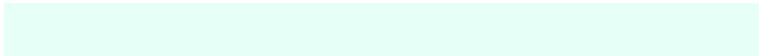
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6983, 0.3037, 0.3360



94.9457, 0.3019, 0.3375



62.5053, 0.2998, 0.3255



14.0343, 0.3026, 0.3369



30.2836, 0.2558, 0.4409



1.8416, 0.2498, 0.4191

Inverse Universe

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



57.4135, 0.3226, 0.3221



83.7481, 0.3248, 0.3207



58.4920, 0.3269, 0.3325



12.4883, 0.3239, 0.3213



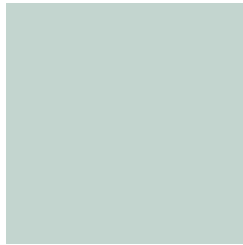
8.9352, 0.5628, 0.2874



0.5541, 0.5138, 0.2604

Previews

White Background



This preview shows how the Yxy color 63.6956, 0.3037, 0.3360 looks on a white background.

Color Contrast Check

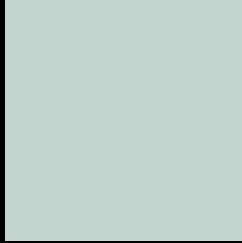
Large Text (above 18pt) WCAG AA × Fail

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 63.6956, 0.3037, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

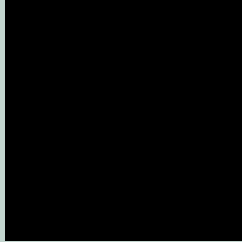
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

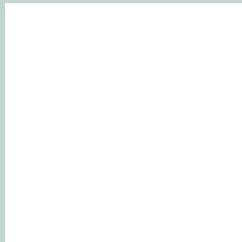
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6956, 0.3037, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 63.6956, 0.3037, 0.3360.



This preview shows how white text looks on a background with the Yxy color 63.6956, 0.3037, 0.3360.

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

63.6956, 0.3037, 0.3360

Protanopia

63.6175, 0.3193, 0.3336

Deuteranopia

63.3385, 0.3279, 0.3213



Tritanopia

63.6450, 0.2928, 0.3095

Trichromacy



Original Color

63.6956, 0.3037, 0.3360

Protanomaly

63.6228, 0.3132, 0.3348

Deuteranomaly

63.2956, 0.3189, 0.3268

Tritanomaly

63.6262, 0.2966, 0.3186

Monochromacy



Original Color

63.6956, 0.3037, 0.3360

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8024, 0.3096, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6956, 0.3037, 0.3360 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(195, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 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(195, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 207) }
```

Border

The CSS property to change the border of an element to Yxy 63.6956, 0.3037, 0.3360 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(195, 213, 207) }
```

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

```
.border{ border-color:rgb(195, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6956, 0.3037, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 207) }
```

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

```
.background{ background-color: rgb(195,  
213, 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](#).

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