

Converting Colors

Yxy(64.0726, 0.3101, 0.3361)

Have a look what the booklet for
Yxy(64.0726, 0.3101, 0.3361)
contains.

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Color

Yxy(64.2397, 0.3102, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	CBD4CE
RGB	203, 212, 206
RGB Percent	80%, 83%, 81%
CMY	0.2037, 0.1687, 0.1920
CMYK	0.04, 0.00, 0.03, 0.17
HSL	140°, 9%, 81%
HSV	140°, 4%, 83%
XYZ	59.3247, 64.2397, 67.6821
YIQ	208.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

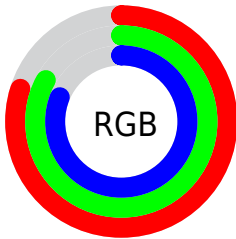
Format	Color
R _Y B	203, 210, 212
Decimal	13358286
CIE Lab	84.09, -4.12, 1.88
CIE LCh	84, 4.531, 155.453
Yxy	64.2397, 0.3102, 0.3359
Android (android.graphics.Color)	4291548366 (0xFFCBD4CE)
YUV	208.6250, -1.2941, -4.9331
Hunter-Lab	80.1497, -8.1410, 6.0375

Details

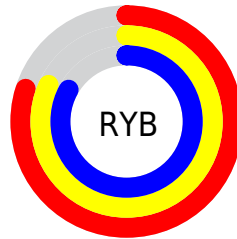
The Yxy color $64.2397, 0.3102, 0.3359$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.3339, 0.3153, 0.3222$, and the grayscale version is $63.5206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.7705, 0.3094, 0.3367$ is the 20% darker color. If you saturate the color by 10%, you get $60.8094, 0.3042, 0.3538$, and if you desaturate by 10%, it is $68.1443, 0.3161, 0.3201$.

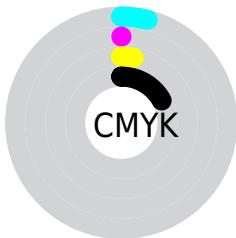
Distribution



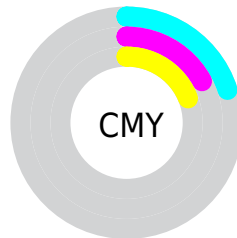
- Red (80%)
- Green (83%)
- Blue (81%)



- Red (80%)
- Yellow (82%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2397, 0.3102, 0.3359 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 64.2397, 0.3102, 0.3359 by changing the saturation by 10% instead.

■ 64.2397, 0.3102,
0.3359

■ 64.2397, 0.3102,
0.3359

440.0547, 0.3114,
0.3326

■ 46.8448, 0.3099,
0.3367

110.9561, 0.3106,
0.3347

■ 32.9130, 0.3096,
0.3376

141.0464, 0.3108,
0.3343

■ 22.0598, 0.3091,
0.3389

176.1373, 0.3109,
0.3339

■ 13.9009, 0.3085,
0.3406

216.6132, 0.3110,
0.3336

■ 8.0517, 0.3076,
0.3429

262.8585, 0.3112,
0.3333

■ 4.1281, 0.3063,
0.3465

315.2576, 0.3112,

■ 1.7455, 0.3041,

0.3331

374.1949, 0.3113,
0.3328

0.3525

0.4528, 0.2883,
0.3958

0.0000, 0.0000,
0.0000

64.2397, 0.3102,
0.3359

64.2397, 0.3102,
0.3359

60.8094, 0.3042,
0.3538

68.1443, 0.3161,
0.3201

57.8271, 0.2985,
0.3737

72.5319, 0.3220,
0.3063

55.2764, 0.2931,
0.3958

75.1456, 0.3191,
0.2932

53.1365, 0.2883,
0.4197

75.5616, 0.3147,
0.2871

■ 51.3853, 0.2846,
0.4449

■ 49.9982, 0.2822,
0.4708

■ 48.9476, 0.2814,
0.4963

■ 48.2021, 0.2824,
0.5204

■ 47.7236, 0.2850,
0.5418

Harmonies

Analogous

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



64.2397, 0.3159, 0.3386



64.2397, 0.3102, 0.3359



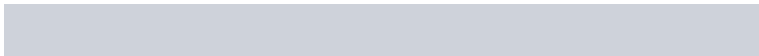
64.2397, 0.3052, 0.3313

Triad

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



64.2397, 0.3102, 0.3359



64.2397, 0.3046, 0.3195



64.2397, 0.3234, 0.3317

Complementary

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



64.2397, 0.3102, 0.3359



61.3339, 0.3153, 0.3222

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.



64.2397, 0.3203, 0.3267



64.2397, 0.3102, 0.3359



64.2397, 0.3094, 0.3197

Square

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



64.2397, 0.3102, 0.3359



64.2397, 0.3019, 0.3219



64.2397, 0.3152, 0.3223



64.2397, 0.3236, 0.3361

Rectangle

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



64.2397, 0.3102, 0.3359



64.2397, 0.3029, 0.3279



64.2397, 0.3152, 0.3223



64.2397, 0.3227, 0.3300

Sweetspot

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



64.2424, 0.3102, 0.3359



99.4105, 0.3121, 0.3306



64.9740, 0.3168, 0.3393



21.2842, 0.3121, 0.3305



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.



64.2424, 0.3102, 0.3359



97.1260, 0.3097, 0.3373



64.4555, 0.3073, 0.3309



14.2597, 0.3093, 0.3383



29.3640, 0.2862, 0.5503



1.7862, 0.2763, 0.5146

Inverse Universe

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



61.3339, 0.3153, 0.3222



91.8625, 0.3159, 0.3208



61.1227, 0.3184, 0.3271



13.3952, 0.3163, 0.3198



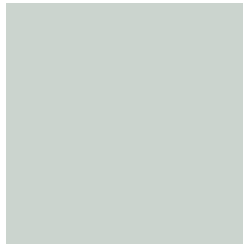
9.8539, 0.4266, 0.2124



0.6094, 0.4038, 0.1998

Previews

White Background



This preview shows how the Yxy color 64.2397, 0.3102, 0.3359 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 64.2397, 0.3102, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

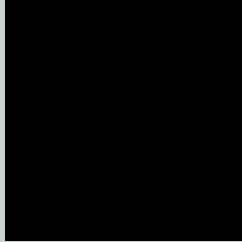
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

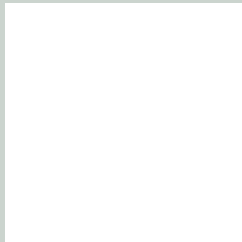
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2397, 0.3102, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 64.2397, 0.3102, 0.3359.



This preview shows how white text looks on a background with the Yxy color 64.2397, 0.3102, 0.3359.

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

64.2397, 0.3102, 0.3359

Protanopia

64.2567, 0.3200, 0.3347

Deuteranopia

64.0889, 0.3301, 0.3236



Tritanopia

64.2137, 0.2990, 0.3098

Trichromacy



Original Color

64.2397, 0.3102, 0.3359

Protanomaly

64.2026, 0.3162, 0.3347

Deuteranomaly

63.8633, 0.3227, 0.3279

Tritanomaly

64.1868, 0.3029, 0.3187

Monochromacy



Original Color

64.2397, 0.3102, 0.3359

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9127, 0.3119, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2397, 0.3102, 0.3359 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(203, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(203, 212, 206)  
}
```

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(203, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 212, 206) }
```

Border

The CSS property to change the border of an element to Yxy 64.2397, 0.3102, 0.3359 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(203, 212, 206) }
```

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

```
.border{ border-color:rgb(203, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(203, 212,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2397, 0.3102, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 212, 206) }
```

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

```
.background{ background-color: rgb(203,  
212, 206) }
```

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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