

Converting Colors

$Yxy(63.7941, 0.3024, 0.3337)$

Have a look what the booklet for
Yxy(63.7941, 0.3024, 0.3337)
contains.

Yxy(63.7941, 0.3024, 0.3337)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.7941, 0.3024, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5D1
RGB	195, 213, 209
RGB Percent	76%, 84%, 82%
CMY	0.2352, 0.1647, 0.1805
CMYK	0.08, 0.00, 0.02, 0.16
HSL	167°, 18%, 80%
HSV	167°, 8%, 84%
XYZ	57.8104, 63.7941, 69.5675
YIQ	207.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

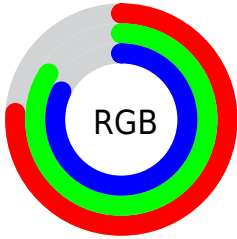
Format	Color
RYB	195, 205, 213
Decimal	12834257
CIELab	83.86, -6.79, -0.09
CIElCh	84, 6.789, 180.743
Yxy	63.7941, 0.3024, 0.3337
Android (android.graphics.Color)	4291024337 (0xFFC3D5D1)
YUV	207.1620, 0.9061, -10.6661
Hunter-Lab	79.8712, -10.5771, 4.2685

Details

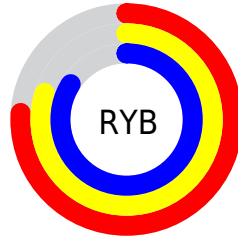
The Yxy color **63.7941, 0.3024, 0.3337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3152, 0.3241, 0.3244**, and the grayscale version is **62.5083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.4830, 0.2992, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **60.9253, 0.2906, 0.3398**, and if you desaturate by 10%, it is **67.0801, 0.3147, 0.3282**.

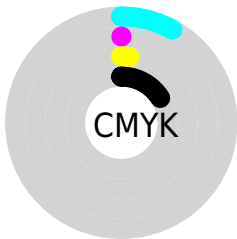
Distribution



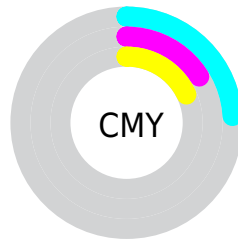
- Red (76%)
- Green (84%)
- Blue (82%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7941, 0.3024, 0.3337 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 63.7941, 0.3024, 0.3337 by changing the saturation by 10% instead.

■ 63.7941, 0.3024,
0.3337

■ 63.7941, 0.3024,
0.3337

438.4457, 0.3073,
0.3315

■ 46.4839, 0.3013,
0.3342

■ 110.3144, 0.3041,
0.3329

■ 32.6279, 0.2998,
0.3349

140.2932, 0.3048,
0.3326

■ 21.8415, 0.2980,
0.3357

175.2638, 0.3054,
0.3324

■ 13.7405, 0.2955,
0.3368

215.6104, 0.3058,
0.3321

■ 7.9404, 0.2921,
0.3384

261.7175, 0.3063,
0.3319

■ 4.0568, 0.2869,
0.3407

313.9695, 0.3067,

■ 1.7054, 0.2784,

0.3318

0.3446

372.7508, 0.3070,
0.3316

0.4272, 0.2110,
0.3751

0.0000, 0.0000,
0.0000

63.7941, 0.3024,
0.3337

63.7941, 0.3024,
0.3337

60.9253, 0.2906,
0.3398

67.0801, 0.3147,
0.3282

58.4486, 0.2797,
0.3464

70.7913, 0.3272,
0.3232

56.3483, 0.2697,
0.3536

74.1931, 0.3367,
0.3187

54.6045, 0.2612,
0.3612

74.4549, 0.3333,
0.3139

■ 53.1958, 0.2542,
0.3691

■ 74.7241, 0.3299,
0.3092

■ 52.0981, 0.2491,
0.3773

■ 75.0007, 0.3265,
0.3046

■ 51.2841, 0.2459,
0.3856

■ 75.2847, 0.3232,
0.2999

■ 50.7217, 0.2447,
0.3939

■ 75.5762, 0.3199,
0.2954

■ 50.3626, 0.2453,
0.4021

■ 75.8753, 0.3167,
0.2909

Harmonies

Analogous

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



63.7941, 0.3102, 0.3403



63.7941, 0.3024, 0.3337



63.7941, 0.2973, 0.3259

Triad

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



63.7941, 0.3024, 0.3337



63.7941, 0.3065, 0.3148



63.7941, 0.3294, 0.3387

Complementary

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



63.7941, 0.3024, 0.3337



57.3152, 0.3241, 0.3244

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.



63.7941, 0.3284, 0.3318



63.7941, 0.3024, 0.3337



63.7941, 0.3150, 0.3181

Square

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



63.7941, 0.3024, 0.3337



63.7941, 0.2997, 0.3151



63.7941, 0.3231, 0.3243



63.7941, 0.3259, 0.3431

Rectangle

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



63.7941, 0.3024, 0.3337



63.7941, 0.2962, 0.3211



63.7941, 0.3231, 0.3243



63.7941, 0.3296, 0.3366

Sweetspot

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



63.7968, 0.3024, 0.3337



98.4678, 0.3090, 0.3306



63.7029, 0.3148, 0.3502



20.9906, 0.3080, 0.3311



0.0000, 0.0000, 0.0000



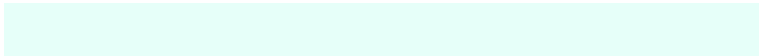
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7968, 0.3024, 0.3337



95.1174, 0.3004, 0.3347



61.6233, 0.2998, 0.3233



14.0580, 0.3012, 0.3343



30.7496, 0.2451, 0.4022



1.8667, 0.2411, 0.3880

Inverse Universe

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



57.3152, 0.3241, 0.3244



83.5866, 0.3266, 0.3234



59.3132, 0.3267, 0.3346



12.4660, 0.3256, 0.3238



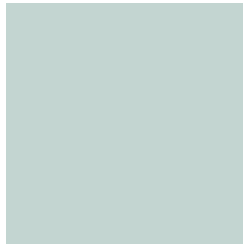
8.7831, 0.5995, 0.3076



0.5425, 0.5501, 0.2804

Previews

White Background



This preview shows how the Yxy color 63.7941, 0.3024, 0.3337 looks on a white background.

Color Contrast Check

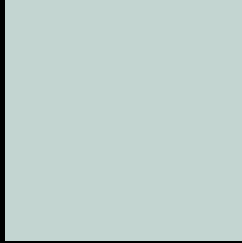
Large Text (above 18pt) WCAG AA × Fail

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 63.7941, 0.3024, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

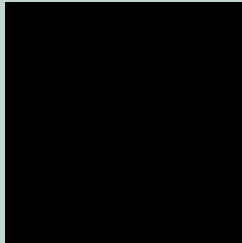
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

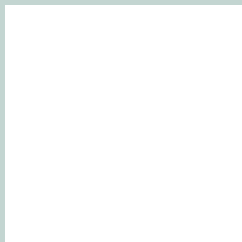
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7941, 0.3024, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 63.7941, 0.3024, 0.3337.



This preview shows how white text looks on a background with the Yxy color 63.7941, 0.3024, 0.3337.

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

63.7941, 0.3024, 0.3337

Protanopia

63.7141, 0.3179, 0.3313

Deuteranopia

63.4382, 0.3264, 0.3192



Tritanopia

63.6450, 0.2928, 0.3095

Trichromacy



Original Color

63.7941, 0.3024, 0.3337

Protanomaly

63.7200, 0.3118, 0.3325

Deuteranomaly

63.3947, 0.3175, 0.3245

Tritanomaly

63.6262, 0.2966, 0.3186

Monochromacy



Original Color

63.7941, 0.3024, 0.3337

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8515, 0.3089, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7941, 0.3024, 0.3337 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 209) }
```

Border

The CSS property to change the border of an element to Yxy 63.7941, 0.3024, 0.3337 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, 209) }
```

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

```
.border{ border-color:rgb(195, 213, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 213, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 213, 209); box-shadow:4px 4px 4px 4px rgb(195, 213, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7941, 0.3024, 0.3337 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, 209) }
```

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

```
.background{ background-color: rgb(195,  
213, 209) }
```

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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