

Converting Colors

Yxy(63.6307, 0.3142, 0.3305)

Have a look what the booklet for
Yxy(63.6307, 0.3142, 0.3305)
contains.

Yxy(63.8076, 0.3149, 0.3313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(63.8076, 0.3149, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1CF
RGB	210, 209, 207
RGB Percent	82%, 82%, 81%
CMY	0.1763, 0.1804, 0.1883
CMYK	0.00, 0.01, 0.01, 0.18
HSL	39°, 3%, 82%
HSV	39°, 1%, 82%
XYZ	60.6490, 63.8076, 68.1410
YIQ	209.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

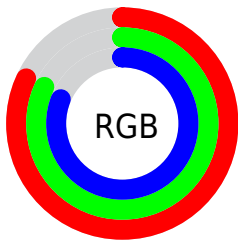
Format	Color
R_{YB}	209, 210, 207
Decimal	13816271
CIE Lab	83.87, 0.00, 1.11
CIE LCh	84, 1.110, 89.781
Yxy	63.8076, 0.3149, 0.3313
Android (android.graphics.Color)	4292006351 (0xFFD2D1CF)
YUV	209.0710, -1.0210, 0.8147
Hunter-Lab	79.8797, -4.2625, 5.3386

Details

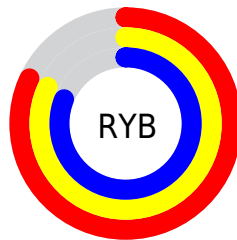
The Yxy color **63.8076, 0.3149, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0486, 0.3105, 0.3267**, and the grayscale version is **63.8202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8105, 0.3155, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **59.3883, 0.3308, 0.3476**, and if you desaturate by 10%, it is **68.5296, 0.3006, 0.3159**.

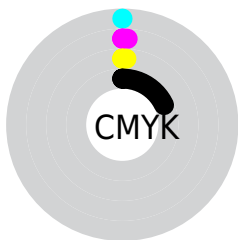
Distribution



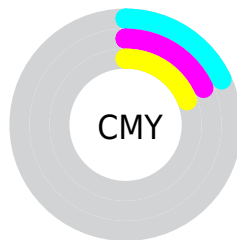
- Red (82%)
- Green (82%)
- Blue (81%)



- Red (82%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8076, 0.3149, 0.3313 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 63.8076, 0.3149, 0.3313 by changing the saturation by 10% instead.

■ 63.8076, 0.3149,
0.3313

■ 63.8076, 0.3149,
0.3313

438.4945, 0.3139,
0.3302

■ 46.4949, 0.3151,
0.3316

110.3338, 0.3145,
0.3309

■ 32.6365, 0.3154,
0.3319

140.3161, 0.3144,
0.3308

■ 21.8481, 0.3158,
0.3323

175.2903, 0.3143,
0.3306

■ 13.7453, 0.3164,
0.3328

215.6408, 0.3142,
0.3305

■ 7.9438, 0.3171,
0.3336

261.7521, 0.3141,
0.3304

■ 4.0590, 0.3182,
0.3347

314.0086, 0.3140,

■ 1.7066, 0.3200,

0.3304

0.3366

372.7946, 0.3139,
0.3303

0.4279, 0.3326,
0.3499

0.0000, 0.0000,
0.0000

63.8076, 0.3149,
0.3313

63.8076, 0.3149,
0.3313

59.3883, 0.3308,
0.3476

68.5296, 0.3006,
0.3159

55.2560, 0.3484,
0.3647

73.5531, 0.2878,
0.3016

51.4055, 0.3676,
0.3820

77.8836, 0.2847,
0.3033

47.8286, 0.3881,
0.3991

81.9999, 0.2851,
0.3110

■ 44.5164, 0.4094,
0.4150

■ 86.2847, 0.2855,
0.3186

■ 41.4592, 0.4308,
0.4288

■ 90.7399, 0.2859,
0.3261

■ 38.6468, 0.4513,
0.4392

■ 92.4482, 0.2861,
0.3289

■ 36.0672, 0.4699,
0.4453

■ 33.7069, 0.4856,
0.4463

Harmonies

Analogous

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



63.8076, 0.3154, 0.3306



63.8076, 0.3149, 0.3313



63.8076, 0.3138, 0.3314

Triad

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



63.8076, 0.3149, 0.3313



63.8076, 0.3102, 0.3286



63.8076, 0.3131, 0.3272

Complementary

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



63.8076, 0.3149, 0.3313



63.0486, 0.3105, 0.3267

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.



63.8076, 0.3117, 0.3267



63.8076, 0.3149, 0.3313



63.8076, 0.3100, 0.3275

Square

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



63.8076, 0.3149, 0.3313



63.8076, 0.3111, 0.3298



63.8076, 0.3106, 0.3267



63.8076, 0.3144, 0.3282

Rectangle

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



63.8076, 0.3149, 0.3313



63.8076, 0.3129, 0.3311



63.8076, 0.3106, 0.3267



63.8076, 0.3126, 0.3269

Sweetspot

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



63.8104, 0.3149, 0.3313

100.0000, 0.3127, 0.3290



62.8839, 0.3143, 0.3278



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



63.8104, 0.3149, 0.3313



98.5627, 0.3158, 0.3322



64.2606, 0.3145, 0.3325



13.8112, 0.3155, 0.3320



19.6097, 0.4954, 0.4448



1.2411, 0.4780, 0.4587

Inverse Universe

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



63.0486, 0.3105, 0.3267



96.9284, 0.3097, 0.3258



62.6037, 0.3109, 0.3255



13.5982, 0.3099, 0.3260



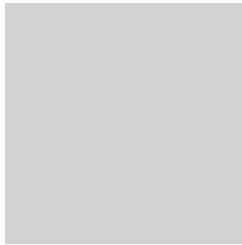
5.8481, 0.1644, 0.1118



0.4733, 0.1748, 0.1494

Previews

White Background



This preview shows how the Yxy color 63.8076, 0.3149, 0.3313 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 63.8076, 0.3149, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

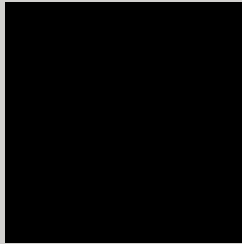
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

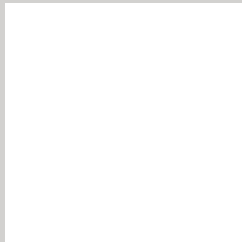
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8076, 0.3149, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 63.8076, 0.3149, 0.3313.

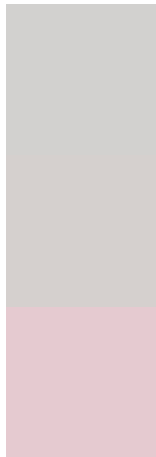


This preview shows how white text looks on a background with the Yxy color 63.8076, 0.3149, 0.3313.

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

63.8076, 0.3149, 0.3313

Protanopia

63.7141, 0.3179, 0.3313

Deuteranopia

63.4531, 0.3294, 0.3225



Tritanopia

63.9504, 0.3054, 0.3111

Trichromacy



Original Color

63.8076, 0.3149, 0.3313

Protanomaly

63.5650, 0.3171, 0.3313

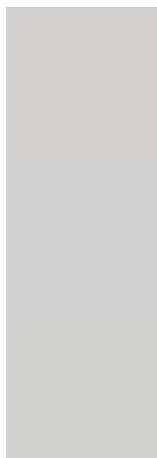
Deuteranomaly

63.7463, 0.3236, 0.3257

Tritanomaly

63.9704, 0.3087, 0.3188

Monochromacy



Original Color

63.8076, 0.3149, 0.3313

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7103, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8076, 0.3149, 0.3313 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(210, 209, 207) looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 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(210, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 207) }
```

Border

The CSS property to change the border of an element to Yxy 63.8076, 0.3149, 0.3313 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(210, 209, 207) }
```

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

```
.border{ border-color:rgb(210, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
207) }
```

Background

The CSS property to change the background color of an element to Yxy 63.8076, 0.3149, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 207) }
```

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

```
.background{ background-color: rgb(210,  
209, 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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