

Converting Colors

$Yxy(63.7280, 0.3038, 0.3128)$

Have a look what the booklet for
Yxy(63.7280, 0.3038, 0.3128)
contains.

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Color

Yxy(63.9410, 0.3039, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	D1D0DE
RGB	209, 208, 222
RGB Percent	82%, 82%, 87%
CMY	0.1802, 0.1843, 0.1295
CMYK	0.06, 0.06, 0.00, 0.13
HSL	244°, 17%, 84%
HSV	244°, 6%, 87%
XYZ	62.0424, 63.9410, 78.1705
YIQ	209.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

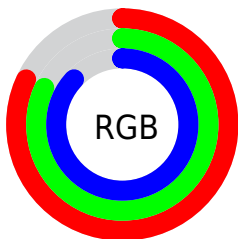
Format	Color
R _Y B	209, 208, 222
Decimal	13750494
CIE Lab	83.94, 2.98, -6.78
CIE LCh	84, 7.407, 293.691
Yxy	63.9410, 0.3039, 0.3132
Android (android.graphics.Color)	4291940574 (0xFFD1D0DE)
YUV	209.8950, 5.9678, -0.7849
Hunter-Lab	79.9631, -1.4396, -1.9867

Details

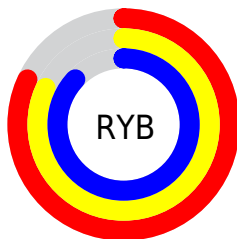
The Yxy color **63.9410, 0.3039, 0.3132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1535, 0.3212, 0.3444**, and the grayscale version is **64.3431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8698, 0.3020, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **51.0606, 0.2883, 0.2855**, and if you desaturate by 10%, it is **78.7279, 0.3175, 0.3377**.

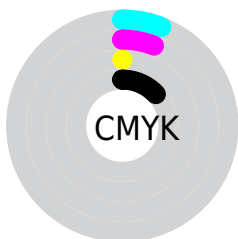
Distribution



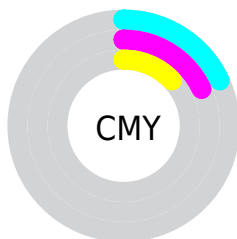
- Red (82%)
- Green (82%)
- Blue (87%)



- Red (82%)
- Yellow (82%)
- Blue (87%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9410, 0.3039, 0.3132 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 63.9410, 0.3039, 0.3132 by changing the saturation by 10% instead.

■ 63.9410, 0.3039,
0.3132

■ 63.9410, 0.3039,
0.3132

438.9765, 0.3081,
0.3206

■ 46.6029, 0.3029,
0.3115

110.5260, 0.3054,
0.3158

■ 32.7218, 0.3017,
0.3093

140.5416, 0.3059,
0.3168

■ 21.9134, 0.3001,
0.3066

175.5519, 0.3064,
0.3177

■ 13.7933, 0.2980,
0.3029

215.9412, 0.3069,
0.3184

■ 7.9770, 0.2950,
0.2978

262.0939, 0.3072,
0.3191

■ 4.0803, 0.2905,
0.2904

314.3944, 0.3075,

■ 1.7186, 0.2831,

0.3197

0.2782

373.2272, 0.3078,
0.3202

0.4356, 0.2602,
0.2329

0.0000, 0.0000,
0.0000

63.9410, 0.3039,
0.3132

63.9410, 0.3039,
0.3132

51.0606, 0.2883,
0.2855

78.7279, 0.3175,
0.3377

40.0014, 0.2707,
0.2546

95.4860, 0.3293,
0.3590

30.6836, 0.2514,
0.2212

98.0533, 0.3322,
0.3611

23.0183, 0.2309,
0.1862

■ 16.9088, 0.2103,
0.1517

■ 12.2485, 0.1909,
0.1199

■ 8.9170, 0.1742,
0.0934

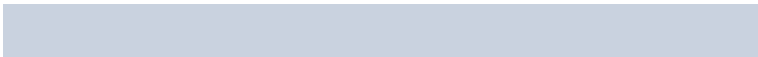
■ 6.7746, 0.1616,
0.0743

■ 5.6482, 0.1538,
0.0636

Harmonies

Analogous

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



63.9410, 0.2972, 0.3145



63.9410, 0.3039, 0.3132



63.9410, 0.3130, 0.3160

Triad

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



63.9410, 0.3039, 0.3132



63.9410, 0.3311, 0.3379



63.9410, 0.3033, 0.3360

Complementary

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



63.9410, 0.3039, 0.3132



72.1535, 0.3212, 0.3444

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.



63.9410, 0.3122, 0.3425



63.9410, 0.3039, 0.3132



63.9410, 0.3284, 0.3435

Square

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



63.9410, 0.3039, 0.3132



63.9410, 0.3288, 0.3301



63.9410, 0.3214, 0.3453



63.9410, 0.2969, 0.3276

Rectangle

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



63.9410, 0.3039, 0.3132



63.9410, 0.3192, 0.3198



63.9410, 0.3214, 0.3453



63.9410, 0.3061, 0.3385

Sweetspot

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



63.9437, 0.3039, 0.3132



95.9052, 0.3100, 0.3241



70.4250, 0.3030, 0.3279



20.5705, 0.3101, 0.3243



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.



63.9437, 0.3039, 0.3132



84.2626, 0.3013, 0.3086



64.9697, 0.3089, 0.3135



13.2921, 0.2992, 0.3048



3.2195, 0.1525, 0.0614



0.2405, 0.1594, 0.0652

Inverse Universe

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



65.8541, 0.3142, 0.3148



87.5699, 0.3146, 0.3108



71.0956, 0.3163, 0.3446



13.9170, 0.3149, 0.3076



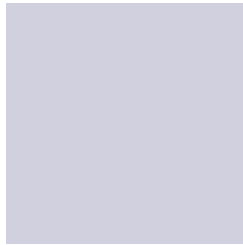
11.8606, 0.3406, 0.1650



0.8275, 0.3372, 0.1631

Previews

White Background



This preview shows how the Yxy color 63.9410, 0.3039, 0.3132 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 63.9410, 0.3039, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

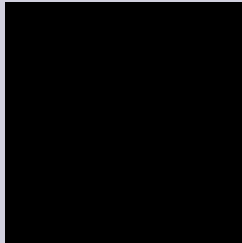
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

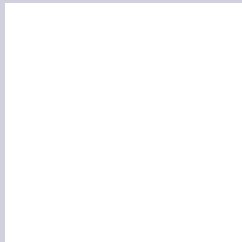
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9410, 0.3039, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 63.9410, 0.3039, 0.3132.

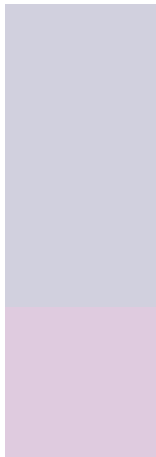


This preview shows how white text looks on a background with the Yxy color 63.9410, 0.3039, 0.3132.

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

63.9410, 0.3039, 0.3132

Protanopia

63.9410, 0.3039, 0.3132

Deuteranopia

63.7276, 0.3137, 0.3071



Tritanopia

64.0489, 0.3025, 0.3110

Trichromacy



Original Color

63.9410, 0.3039, 0.3132

Protanomaly

63.9410, 0.3039, 0.3132

Deuteranomaly

63.8958, 0.3099, 0.3091

Tritanomaly

63.9948, 0.3032, 0.3121

Monochromacy



Original Color

63.9410, 0.3039, 0.3132

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1576, 0.3100, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9410, 0.3039, 0.3132 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(209, 208, 222)` looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 222)  
}
```

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(209, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 222) }
```

Border

The CSS property to change the border of an element to Yxy 63.9410, 0.3039, 0.3132 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(209, 208, 222) }
```

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

```
.border{ border-color:rgb(209, 208, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 208, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 208, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 208, 222);  
box-shadow:4px 4px 4px 4px rgb(209, 208,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9410, 0.3039, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 222) }
```

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

```
.background{ background-color: rgb(209,  
208, 222) }
```

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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