

Converting Colors

$Yxy(63.0613, 0.3112, 0.3136)$

Have a look what the booklet for
Yxy(63.0613, 0.3112, 0.3136)
contains.

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Color

Yxy(63.1717, 0.3111, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	D7CDDA
RGB	215, 205, 218
RGB Percent	84%, 80%, 85%
CMY	0.1569, 0.1960, 0.1450
CMYK	0.01, 0.06, 0.00, 0.14
HSL	286°, 15%, 83%
HSV	286°, 6%, 86%
XYZ	62.5086, 63.1717, 75.2475
YIQ	209.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

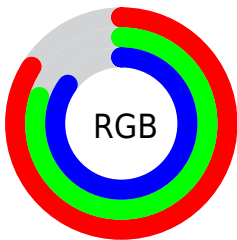
Format	Color
R _Y B	215, 205, 218
Decimal	14142938
CIE Lab	83.53, 5.79, -5.22
CIE LCh	84, 7.796, 318.008
Yxy	63.1717, 0.3111, 0.3144
Android (android.graphics.Color)	4292333018 (0xFFD7CDDA)
YUV	209.4720, 4.2043, 4.8481
Hunter-Lab	79.4806, 1.2927, -0.4958

Details

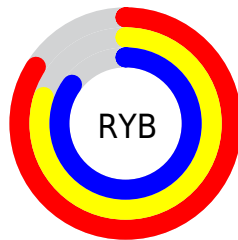
The Yxy color **63.1717, 0.3111, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9845, 0.3142, 0.3438**, and the grayscale version is **64.0567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2511, 0.3105, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **52.6985, 0.3079, 0.2889**, and if you desaturate by 10%, it is **75.1280, 0.3137, 0.3385**.

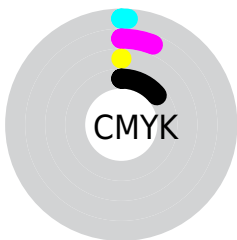
Distribution



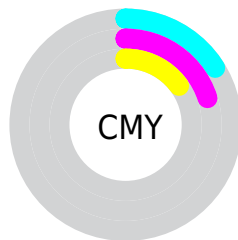
- Red (84%)
- Green (80%)
- Blue (85%)



- Red (84%)
- Yellow (80%)
- Blue (85%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1717, 0.3111, 0.3144 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 63.1717, 0.3111, 0.3144 by changing the saturation by 10% instead.

■ 63.1717, 0.3111,
0.3144

■ 63.1717, 0.3111,
0.3144

436.1924, 0.3119,
0.3213

■ 45.9801, 0.3109,
0.3128

109.4172, 0.3114,
0.3168

■ 32.2301, 0.3107,
0.3108

139.2399, 0.3115,
0.3177

■ 21.5373, 0.3103,
0.3083

174.0417, 0.3116,
0.3185

■ 13.5173, 0.3099,
0.3049

214.2072, 0.3117,
0.3192

■ 7.7857, 0.3092,
0.3002

260.1206, 0.3117,
0.3198

■ 3.9582, 0.3082,
0.2933

312.1663, 0.3118,

■ 1.6502, 0.3064,

0.3204

0.2821

370.7287, 0.3119,
0.3208

0.3911, 0.3028,
0.2308

0.0000, 0.0000,
0.0000

63.1717, 0.3111,
0.3144

63.1717, 0.3111,
0.3144

52.6985, 0.3079,
0.2889

75.1280, 0.3137,
0.3385

43.6402, 0.3041,
0.2624

88.6156, 0.3158,
0.3609

35.9355, 0.2997,
0.2356

93.4562, 0.3186,
0.3669

29.5152, 0.2946,
0.2095

94.3150, 0.3218,
0.3665

■ 24.3040, 0.2890,
0.1851

■ 95.1988, 0.3251,
0.3662

■ 20.2188, 0.2829,
0.1636

■ 96.1078, 0.3284,
0.3658

■ 17.1656, 0.2766,
0.1459

■ 97.0422, 0.3317,
0.3654

■ 15.0349, 0.2703,
0.1327

■ 97.8435, 0.3345,
0.3651

■ 13.6911, 0.2641,
0.1242

Harmonies

Analogous

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



63.1717, 0.3018, 0.3122



63.1717, 0.3111, 0.3144



63.1717, 0.3210, 0.3203

Triad

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



63.1717, 0.3111, 0.3144



63.1717, 0.3302, 0.3435



63.1717, 0.2970, 0.3292

Complementary

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



63.1717, 0.3111, 0.3144



67.9845, 0.3142, 0.3438

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.



63.1717, 0.3044, 0.3380



63.1717, 0.3111, 0.3144



63.1717, 0.3236, 0.3462

Square

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



63.1717, 0.3111, 0.3144



63.1717, 0.3321, 0.3370



63.1717, 0.3141, 0.3442



63.1717, 0.2937, 0.3206

Rectangle

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



63.1717, 0.3111, 0.3144



63.1717, 0.3265, 0.3256



63.1717, 0.3141, 0.3442



63.1717, 0.2991, 0.3323

Sweetspot

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



63.1744, 0.3111, 0.3144



96.5632, 0.3122, 0.3241



63.2845, 0.3036, 0.3178



20.7045, 0.3122, 0.3244



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.



63.1744, 0.3111, 0.3144



88.3509, 0.3108, 0.3117



63.4716, 0.3157, 0.3181



13.5647, 0.3106, 0.3105



8.0017, 0.2625, 0.1220



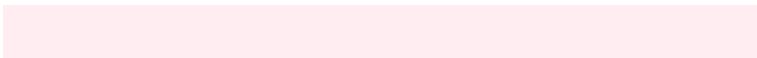
0.5564, 0.2725, 0.1275

Inverse Universe

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



63.1338, 0.3205, 0.3256



88.2859, 0.3220, 0.3250



67.7054, 0.3099, 0.3402



13.5542, 0.3227, 0.3247



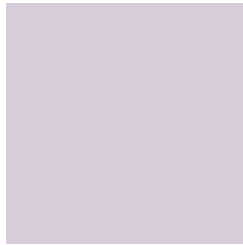
9.0873, 0.5968, 0.3061



0.6021, 0.5503, 0.2805

Previews

White Background



This preview shows how the Yxy color 63.1717, 0.3111, 0.3144 looks on a white background.

Color Contrast Check

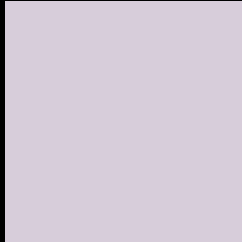
Large Text (above 18pt) WCAG AA × Fail

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 63.1717, 0.3111, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

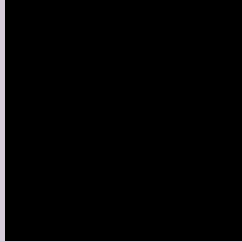
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

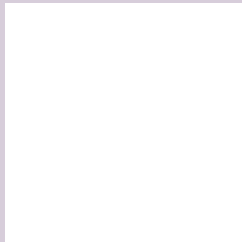
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1717, 0.3111, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 63.1717, 0.3111, 0.3144.

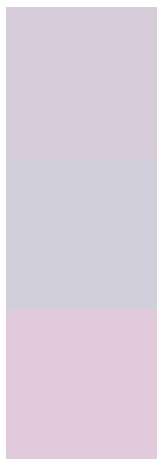


This preview shows how white text looks on a background with the Yxy color 63.1717, 0.3111, 0.3144.

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

63.1717, 0.3111, 0.3144

Protanopia

63.2954, 0.3059, 0.3154

Deuteranopia

63.2028, 0.3174, 0.3103



Tritanopia

63.3302, 0.3090, 0.3111

Trichromacy



Original Color

63.1717, 0.3111, 0.3144

Protanomaly

63.1060, 0.3074, 0.3143

Deuteranomaly

63.1985, 0.3151, 0.3113

Tritanomaly

63.2770, 0.3097, 0.3122

Monochromacy



Original Color

63.1717, 0.3111, 0.3144

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7141, 0.3122, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1717, 0.3111, 0.3144 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(215, 205, 218)` looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 218)  
}
```

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(215, 205, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 218) }
```

Border

The CSS property to change the border of an element to Yxy 63.1717, 0.3111, 0.3144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

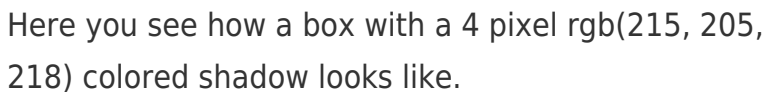
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 205, 218) }
```

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

```
.border{ border-color:rgb(215, 205, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 205, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 218);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1717, 0.3111, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 218) }
```

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

```
.background{ background-color: rgb(215,  
205, 218) }
```

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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