

Converting Colors

Yxy(63.2457, 0.3084, 0.3143)

Have a look what the booklet for
Yxy(63.2457, 0.3084, 0.3143)
contains.

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Color

Yxy(63.2541, 0.3082, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	D4CEDB
RGB	212, 206, 219
RGB Percent	83%, 81%, 86%
CMY	0.1686, 0.1921, 0.1413
CMYK	0.03, 0.06, 0.00, 0.14
HSL	268°, 15%, 83%
HSV	268°, 6%, 86%
XYZ	62.0067, 63.2541, 75.9291
YIQ	209.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

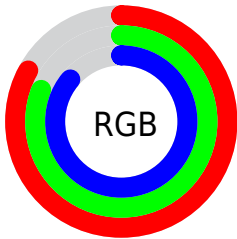
Format	Color
R _Y B	212, 206, 219
Decimal	13946587
CIE Lab	83.58, 4.44, -5.67
CIE LCh	84, 7.205, 308.053
Yxy	63.2541, 0.3082, 0.3144
Android (android.graphics.Color)	4292136667 (0xFFD4CEDB)
YUV	209.2760, 4.7939, 2.3889
Hunter-Lab	79.5324, -0.0159, -0.9310

Details

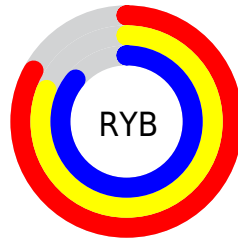
The Yxy color **63.2541, 0.3082, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2365, 0.3170, 0.3436**, and the grayscale version is **63.9196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3049, 0.3066, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **51.7559, 0.2995, 0.2880**, and if you desaturate by 10%, it is **76.3531, 0.3156, 0.3386**.

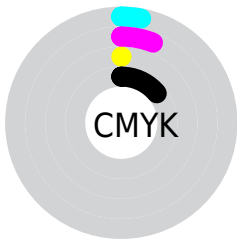
Distribution



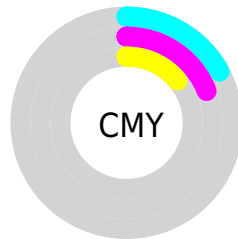
- Red (83%)
- Green (81%)
- Blue (86%)



- Red (83%)
- Yellow (81%)
- Blue (86%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2541, 0.3082, 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 63.2541, 0.3082, 0.3144 by changing the saturation by 10% instead.

■ 63.2541, 0.3082,
0.3144

■ 63.2541, 0.3082,
0.3144

436.4911, 0.3104,
0.3213

■ 46.0468, 0.3077,
0.3128

109.5360, 0.3090,
0.3168

■ 32.2828, 0.3070,
0.3108

139.3794, 0.3093,
0.3177

■ 21.5776, 0.3062,
0.3083

174.2037, 0.3095,
0.3185

■ 13.5468, 0.3051,
0.3049

214.3931, 0.3097,
0.3192

■ 7.8062, 0.3035,
0.3002

260.3322, 0.3099,
0.3198

■ 3.9712, 0.3010,
0.2932

312.4053, 0.3101,

■ 1.6574, 0.2969,

0.3204

0.2819

370.9968, 0.3102,
0.3209

0.3959, 0.2837,
0.2317

0.0000, 0.0000,
0.0000

63.2541, 0.3082,
0.3144

63.2541, 0.3082,
0.3144

51.7559, 0.2995,
0.2880

76.3531, 0.3156,
0.3386

41.7875, 0.2895,
0.2596

91.1044, 0.3218,
0.3605

33.2842, 0.2781,
0.2298

96.4493, 0.3289,
0.3647

26.1736, 0.2655,
0.1995

97.8923, 0.3340,
0.3641

■ 20.3769, 0.2519,
0.1699

■ 15.8071, 0.2378,
0.1426

■ 12.3665, 0.2238,
0.1192

■ 9.9414, 0.2106,
0.1009

■ 8.3917, 0.1988,
0.0885

Harmonies

Analogous

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



63.2541, 0.3003, 0.3137



63.2541, 0.3082, 0.3144



63.2541, 0.3174, 0.3188

Triad

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



63.2541, 0.3082, 0.3144



63.2541, 0.3300, 0.3407



63.2541, 0.3001, 0.3320

Complementary

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



63.2541, 0.3082, 0.3144



69.2365, 0.3170, 0.3436

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.



63.2541, 0.3079, 0.3395



63.2541, 0.3082, 0.3144



63.2541, 0.3252, 0.3445

Square

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



63.2541, 0.3082, 0.3144



63.2541, 0.3301, 0.3339



63.2541, 0.3171, 0.3442



63.2541, 0.2957, 0.3237

Rectangle

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



63.2541, 0.3082, 0.3144



63.2541, 0.3231, 0.3234



63.2541, 0.3171, 0.3442



63.2541, 0.3024, 0.3347

Sweetspot

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



63.2568, 0.3082, 0.3144



96.2741, 0.3112, 0.3241



65.8887, 0.3037, 0.3224



20.6457, 0.3113, 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.



63.2568, 0.3082, 0.3144



87.3649, 0.3073, 0.3115



64.2112, 0.3129, 0.3146



13.4019, 0.3069, 0.3102



4.7564, 0.1959, 0.0853



0.3591, 0.2141, 0.0953

Inverse Universe

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



64.0007, 0.3176, 0.3213



88.6135, 0.3187, 0.3197



68.3132, 0.3125, 0.3438



13.6082, 0.3191, 0.3191



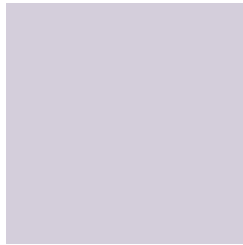
9.7199, 0.4797, 0.2416



0.6470, 0.4468, 0.2235

Previews

White Background



This preview shows how the Yxy color 63.2541, 0.3082, 0.3144 looks on a white background.

Color Contrast Check

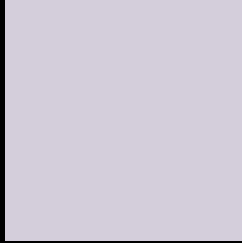
Large Text (above 18pt) WCAG AA × Fail

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 63.2541, 0.3082, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

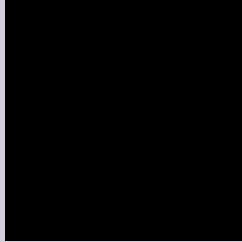
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

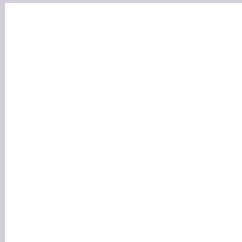
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2541, 0.3082, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 63.2541, 0.3082, 0.3144.

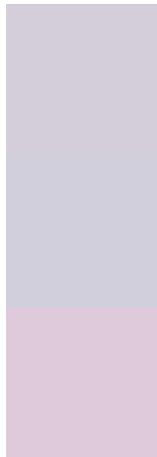


This preview shows how white text looks on a background with the Yxy color 63.2541, 0.3082, 0.3144.

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

63.2541, 0.3082, 0.3144

Protanopia

63.3483, 0.3052, 0.3143

Deuteranopia

63.0963, 0.3159, 0.3092



Tritanopia

63.4136, 0.3061, 0.3110

Trichromacy



Original Color

63.2541, 0.3082, 0.3144

Protanomaly

63.4946, 0.3060, 0.3143

Deuteranomaly

62.9392, 0.3128, 0.3101

Tritanomaly

63.3601, 0.3068, 0.3121

Monochromacy



Original Color

63.2541, 0.3082, 0.3144

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6175, 0.3107, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2541, 0.3082, 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(212, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 219)  
}
```

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(212, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.2541, 0.3082, 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(212, 206, 219) }
```

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

```
.border{ border-color:rgb(212, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 219);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2541, 0.3082, 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(212, 206, 219) }
```

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

```
.background{ background-color: rgb(212,  
206, 219) }
```

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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