

Converting Colors

$Y_{xy}(62.8518, 0.3155, 0.3257)$

Have a look what the booklet for
Yxy(62.8518, 0.3155, 0.3257)
contains.

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Color

Yxy(62.7431, 0.3152, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	D4CED1
RGB	212, 206, 209
RGB Percent	83%, 81%, 82%
CMY	0.1684, 0.1922, 0.1805
CMYK	0.00, 0.03, 0.01, 0.17
HSL	330°, 7%, 82%
HSV	330°, 3%, 83%
XYZ	60.7390, 62.7431, 69.2178
YIQ	208.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

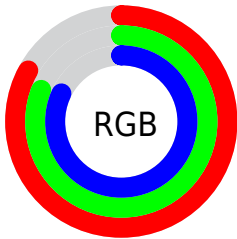
Format	Color
R _Y B	212, 206, 209
Decimal	13946577
CIE Lab	83.31, 2.62, -0.75
CIE LCh	83, 2.729, 344.058
Yxy	62.7431, 0.3152, 0.3256
Android (android.graphics.Color)	4292136657 (0xFFD4CED1)
YUV	208.1360, 0.4260, 3.3887
Hunter-Lab	79.2105, -1.7438, 3.6370

Details

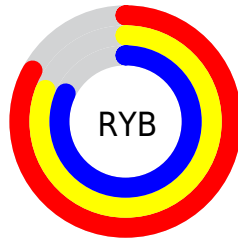
The Yxy color **62.7431, 0.3152, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8375, 0.3103, 0.3324**, and the grayscale version is **63.1698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9911, 0.3149, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **52.7019, 0.3250, 0.3132**, and if you desaturate by 10%, it is **74.2029, 0.3071, 0.3372**.

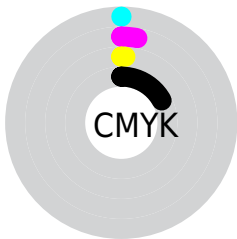
Distribution



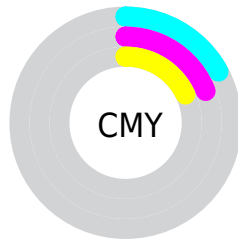
- Red (83%)
- Green (81%)
- Blue (82%)



- Red (83%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7431, 0.3152, 0.3256 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 62.7431, 0.3152, 0.3256 by changing the saturation by 10% instead.

■ 62.7431, 0.3152,
0.3256

■ 62.7431, 0.3152,
0.3256

434.6365, 0.3140,
0.3272

■ 45.6334, 0.3155,
0.3252

108.7988, 0.3148,
0.3262

■ 31.9566, 0.3158,
0.3247

138.5136, 0.3146,
0.3264

■ 21.3284, 0.3163,
0.3241

173.1989, 0.3145,
0.3266

■ 13.3642, 0.3169,
0.3233

213.2391, 0.3144,
0.3267

■ 7.6798, 0.3177,
0.3222

259.0185, 0.3143,
0.3269

■ 3.8908, 0.3189,
0.3204

310.9217, 0.3142,

■ 1.6127, 0.3210,

0.3270

0.3176

369.3329, 0.3141,
0.3271

0.3661, 0.3352,
0.2978

0.0000, 0.0000,
0.0000

62.7431, 0.3152,
0.3256

62.7431, 0.3152,
0.3256

52.7019, 0.3250,
0.3132

74.2029, 0.3071,
0.3372

44.0157, 0.3369,
0.3003

87.1254, 0.3004,
0.3480

36.6281, 0.3511,
0.2870

91.8865, 0.2945,
0.3433

30.4754, 0.3679,
0.2741

92.5480, 0.2888,
0.3321

■ 25.4889, 0.3874,
0.2622

■ 92.7440, 0.2872,
0.3289

■ 21.5927, 0.4094,
0.2524

■ 18.7021, 0.4335,
0.2461

■ 16.7194, 0.4586,
0.2443

■ 15.5274, 0.4834,
0.2479

Harmonies

Analogous

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



62.7431, 0.3117, 0.3236



62.7431, 0.3152, 0.3256



62.7431, 0.3180, 0.3285

Triad

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



62.7431, 0.3152, 0.3256



62.7431, 0.3169, 0.3350



62.7431, 0.3061, 0.3265

Complementary

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



62.7431, 0.3152, 0.3256



64.8375, 0.3103, 0.3324

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.



62.7431, 0.3074, 0.3295



62.7431, 0.3152, 0.3256



62.7431, 0.3137, 0.3345

Square

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



62.7431, 0.3152, 0.3256



62.7431, 0.3190, 0.3339



62.7431, 0.3102, 0.3325



62.7431, 0.3065, 0.3241

Rectangle

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



62.7431, 0.3152, 0.3256



62.7431, 0.3192, 0.3305



62.7431, 0.3102, 0.3325



62.7431, 0.3063, 0.3275

Sweetspot

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



62.7458, 0.3152, 0.3256



98.3009, 0.3136, 0.3278



62.4533, 0.3108, 0.3221



21.0583, 0.3135, 0.3279



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.



62.7458, 0.3152, 0.3256



94.9688, 0.3154, 0.3254



62.5992, 0.3173, 0.3290



13.8144, 0.3160, 0.3245



9.2864, 0.4974, 0.2514



0.5768, 0.4588, 0.2301

Inverse Universe

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



62.7458, 0.3152, 0.3256



94.9688, 0.3154, 0.3254



64.9870, 0.3083, 0.3290



13.8144, 0.3160, 0.3245



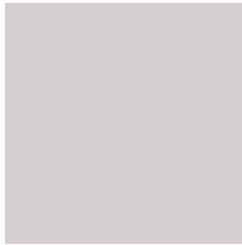
9.2864, 0.4974, 0.2514



0.5768, 0.4588, 0.2301

Previews

White Background



This preview shows how the Yxy color 62.7431, 0.3152, 0.3256 looks on a white background.

Color Contrast Check

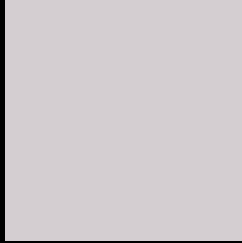
Large Text (above 18pt) WCAG AA × Fail

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 62.7431, 0.3152, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

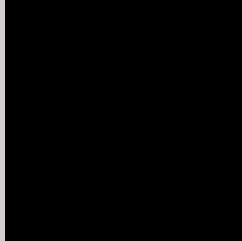
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

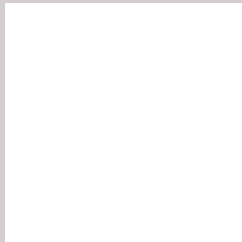
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7431, 0.3152, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 62.7431, 0.3152, 0.3256.

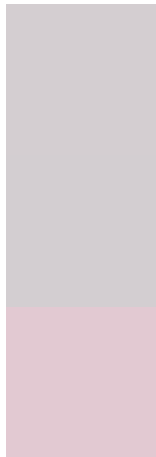


This preview shows how white text looks on a background with the Yxy color 62.7431, 0.3152, 0.3256.

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

62.7431, 0.3152, 0.3256

Protanopia

62.5949, 0.3144, 0.3256

Deuteranopia

62.5952, 0.3257, 0.3191



Tritanopia

62.6492, 0.3090, 0.3110

Trichromacy



Original Color

62.7431, 0.3152, 0.3256

Protanomaly

62.5949, 0.3144, 0.3256

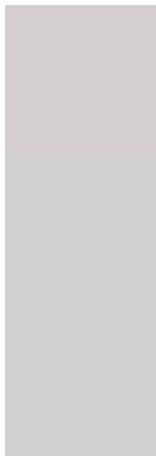
Deuteranomaly

62.7372, 0.3216, 0.3212

Tritanomaly

62.7666, 0.3110, 0.3166

Monochromacy



Original Color

62.7431, 0.3152, 0.3256

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7350, 0.3135, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7431, 0.3152, 0.3256 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, 209) looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 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(212, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 209) }
```

Border

The CSS property to change the border of an element to Yxy 62.7431, 0.3152, 0.3256 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, 209) }
```

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

```
.border{ border-color:rgb(212, 206, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7431, 0.3152, 0.3256 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, 209) }
```

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

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