

Converting Colors

Yxy(62.8851, 0.3159, 0.3102)

Have a look what the booklet for
Yxy(62.8851, 0.3159, 0.3102)
contains.

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Color

Yxy(62.8851, 0.3159, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	DECADB
RGB	222, 202, 219
RGB Percent	87%, 79%, 86%
CMY	0.1293, 0.2079, 0.1411
CMYK	0.00, 0.09, 0.01, 0.13
HSL	309°, 23%, 83%
HSV	309°, 9%, 87%
XYZ	64.0406, 62.8851, 75.7986
YIQ	209.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

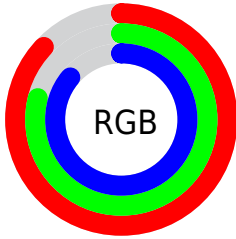
Format	Color
R _Y B	222, 202, 219
Decimal	14600923
CIE Lab	83.38, 9.97, -5.91
CIE LCh	83, 11.586, 329.351
Yxy	62.8851, 0.3159, 0.3102
Android (android.graphics.Color)	4292791003 (0xFFDECADB)
YUV	209.9180, 4.4774, 10.5959
Hunter-Lab	79.3001, 5.3765, -1.1620

Details

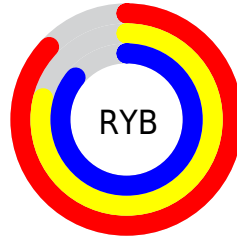
The Yxy color $62.8851, 0.3159, 0.3102$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.2226, 0.3097, 0.3486$, and the grayscale version is $64.3637, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.0756, 0.3169, 0.3059$ is the 20% darker color. If you saturate the color by 10%, you get $53.0342, 0.3199, 0.2887$, and if you desaturate by 10%, it is $74.2439, 0.3124, 0.3310$.

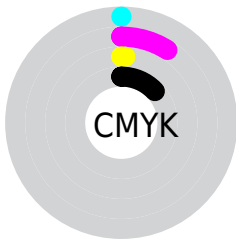
Distribution



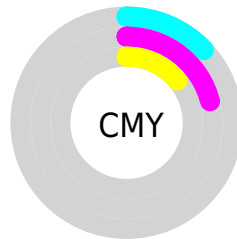
- Red (87%)
- Green (79%)
- Blue (86%)



- Red (87%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8851, 0.3159, 0.3102 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 62.8851, 0.3159, 0.3102 by changing the saturation by 10% instead.

 62.8851, 0.3159,
0.3102

 62.8851, 0.3159,
0.3102


435.1524, 0.3145,
0.3190

 45.7483, 0.3162,
0.3082


109.0037, 0.3154,
0.3133

 32.0472, 0.3166,
0.3056


138.7543, 0.3152,
0.3145

 21.3976, 0.3171,
0.3024


173.4783, 0.3150,
0.3155

 13.4149, 0.3178,
0.2981

213.5600, 0.3149,
0.3164

 7.7149, 0.3186,
0.2922

259.3838, 0.3148,
0.3172

 3.9131, 0.3199,
0.2836

311.3343, 0.3146,

 1.6250, 0.3217,

0.3178

0.2696

369.7957, 0.3145,
0.3185

0.3744, 0.3340,
0.2087

0.0000, 0.0000,
0.0000

62.8851, 0.3159,
0.3102

62.8851, 0.3159,
0.3102

53.0342, 0.3199,
0.2887

74.2439, 0.3124,
0.3310

44.6193, 0.3244,
0.2670

87.1625, 0.3094,
0.3507

37.5750, 0.3294,
0.2458

92.7126, 0.3072,
0.3558

31.8272, 0.3348,
0.2260

92.9004, 0.3053,
0.3523

■ 27.2952, 0.3405,
0.2085

■ 93.0917, 0.3035,
0.3488

■ 23.8890, 0.3464,
0.1944

■ 93.2867, 0.3016,
0.3453

■ 21.5065, 0.3521,
0.1844

■ 93.4853, 0.2998,
0.3419

■ 20.0265, 0.3577,
0.1790

■ 93.6875, 0.2979,
0.3384

■ 19.2587, 0.3629,
0.1776

■ 93.8934, 0.2961,
0.3350

Harmonies

Analogous

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



62.8851, 0.3013, 0.3047



62.8851, 0.3159, 0.3102



62.8851, 0.3299, 0.3204

Triad

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



62.8851, 0.3159, 0.3102



62.8851, 0.3357, 0.3529



62.8851, 0.2868, 0.3241

Complementary

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



62.8851, 0.3159, 0.3102



69.2226, 0.3097, 0.3486

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.



62.8851, 0.2956, 0.3376



62.8851, 0.3159, 0.3102



62.8851, 0.3237, 0.3545

Square

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



62.8851, 0.3159, 0.3102



62.8851, 0.3415, 0.3448



62.8851, 0.3091, 0.3490



62.8851, 0.2847, 0.3123

Rectangle

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



62.8851, 0.3159, 0.3102



62.8851, 0.3369, 0.3287



62.8851, 0.3091, 0.3490



62.8851, 0.2890, 0.3286

Sweetspot

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



62.8878, 0.3159, 0.3102



95.1421, 0.3137, 0.3228



60.4443, 0.3007, 0.3060



20.0934, 0.3140, 0.3211



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.



62.8878, 0.3159, 0.3102



83.1229, 0.3167, 0.3058



62.3922, 0.3229, 0.3208



13.8985, 0.3161, 0.3093



11.4125, 0.3627, 0.1772



0.8008, 0.3552, 0.1731

Inverse Universe

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



62.8878, 0.3159, 0.3102



83.1229, 0.3167, 0.3058



69.7051, 0.3035, 0.3373



13.8985, 0.3161, 0.3093



11.4125, 0.3627, 0.1772



0.8008, 0.3552, 0.1731

Previews

White Background



This preview shows how the Yxy color 62.8851, 0.3159, 0.3102 looks on a white background.

Color Contrast Check

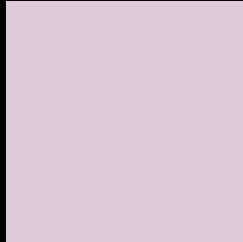
Large Text (above 18pt) WCAG AA × Fail

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 62.8851, 0.3159, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

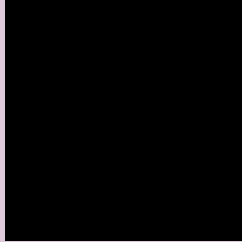
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

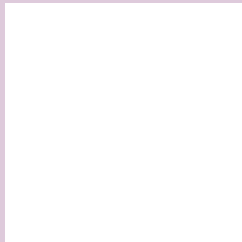
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8851, 0.3159, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 62.8851, 0.3159, 0.3102.

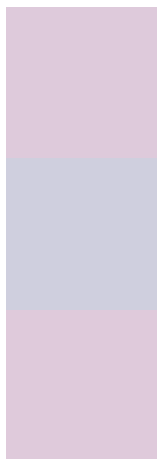


This preview shows how white text looks on a background with the Yxy color 62.8851, 0.3159, 0.3102.

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

62.8851, 0.3159, 0.3102

Protanopia

63.1650, 0.3024, 0.3120

Deuteranopia

63.0435, 0.3167, 0.3103



Tritanopia

62.8326, 0.3166, 0.3113

Trichromacy



Original Color

62.8851, 0.3159, 0.3102

Protanomaly

62.8801, 0.3068, 0.3110

Deuteranomaly

63.0435, 0.3167, 0.3103

Tritanomaly

62.8326, 0.3166, 0.3113

Monochromacy



Original Color

62.8851, 0.3159, 0.3102

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.7259, 0.3138, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8851, 0.3159, 0.3102 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(222, 202, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 202, 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(222, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 202, 219) }
```

Border

The CSS property to change the border of an element to Yxy 62.8851, 0.3159, 0.3102 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(222, 202, 219) }
```

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

```
.border{ border-color:rgb(222, 202, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 202,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8851, 0.3159, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 202, 219) }
```

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

```
.background{ background-color: rgb(222,  
202, 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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