

Converting Colors

$Yxy(62.5566, 0.3054, 0.2964)$

Have a look what the booklet for
Yxy(62.5566, 0.3054, 0.2964)
contains.

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Color

Yxy(62.6029, 0.3052, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9E7
RGB	219, 201, 231
RGB Percent	86%, 79%, 91%
CMY	0.1411, 0.2118, 0.0941
CMYK	0.05, 0.13, 0.00, 0.09
HSL	276°, 38%, 85%
HSV	276°, 13%, 91%
XYZ	64.5269, 62.6029, 84.2951
YIQ	209.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

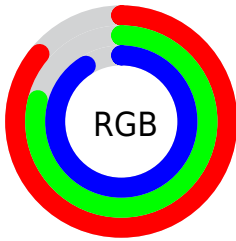
Format	Color
R _Y B	219, 201, 231
Decimal	14404071
CIE Lab	83.23, 11.72, -12.55
CIE LCh	83, 17.171, 313.025
Yxy	62.6029, 0.3052, 0.2961
Android (android.graphics.Color)	4292594151 (0xFFDBC9E7)
YUV	209.8020, 10.4506, 8.0666
Hunter-Lab	79.1220, 7.1098, -7.7811

Details

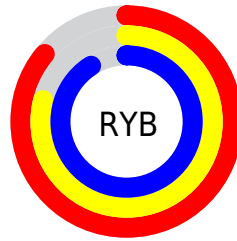
The Yxy color **62.6029, 0.3052, 0.2961** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.5257, 0.3194, 0.3624**, and the grayscale version is **64.2443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8551, 0.3036, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **51.2384, 0.2982, 0.2688**, and if you desaturate by 10%, it is **75.6721, 0.3111, 0.3217**.

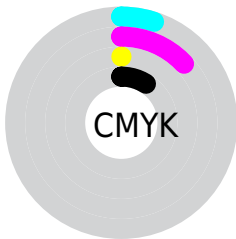
Distribution



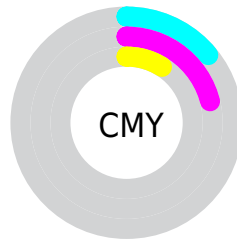
- Red (86%)
- Green (79%)
- Blue (91%)



- Red (86%)
- Yellow (79%)
- Blue (91%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)




- Cyan (14%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6029, 0.3052, 0.2961 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 62.6029, 0.3052, 0.2961 by changing the saturation by 10% instead.

 62.6029, 0.3052,
0.2961

 62.6029, 0.3052,
0.2961


434.1269, 0.3089,
0.3114

 45.5200, 0.3043,
0.2926


108.5964, 0.3065,
0.3014

 31.8672, 0.3032,
0.2883


138.2759, 0.3070,
0.3035

 21.2601, 0.3017,
0.2828


172.9229, 0.3075,
0.3053

 13.3143, 0.2996,
0.2755

212.9221, 0.3078,
0.3068

 7.6453, 0.2967,
0.2657

258.6576, 0.3082,
0.3082

 3.8688, 0.2922,
0.2515

310.5140, 0.3084,

 1.6005, 0.2845,

0.3094

0.2292

368.8756, 0.3087,
0.3104

0.3579, 0.2741,
0.1567

0.0000, 0.0000,
0.0000

62.6029, 0.3052,
0.2961

62.6029, 0.3052,
0.2961

51.2384, 0.2982,
0.2688

75.6721, 0.3111,
0.3217

41.4973, 0.2902,
0.2405

90.5067, 0.3161,
0.3454

33.3033, 0.2811,
0.2118

97.0166, 0.3215,
0.3526

26.5710, 0.2711,
0.1840

98.5504, 0.3268,
0.3522

■ 21.2061, 0.2605,
0.1583

■ 17.1032, 0.2496,
0.1360

■ 14.1409, 0.2388,
0.1183

■ 12.1723, 0.2286,
0.1058

■ 11.2240, 0.2219,
0.0996

Harmonies

Analogous

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



62.6029, 0.2858, 0.2927



62.6029, 0.3052, 0.2961



62.6029, 0.3273, 0.3075

Triad

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



62.6029, 0.3052, 0.2961



62.6029, 0.3530, 0.3586



62.6029, 0.2804, 0.3325

Complementary

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



62.6029, 0.3052, 0.2961



75.5257, 0.3194, 0.3624

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.



62.6029, 0.2975, 0.3520



62.6029, 0.3052, 0.2961



62.6029, 0.3395, 0.3670

Square

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



62.6029, 0.3052, 0.2961



62.6029, 0.3554, 0.3428



62.6029, 0.3191, 0.3649



62.6029, 0.2719, 0.3128

Rectangle

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



62.6029, 0.3052, 0.2961



62.6029, 0.3405, 0.3184



62.6029, 0.3191, 0.3649



62.6029, 0.2853, 0.3393

Sweetspot

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



62.6056, 0.3052, 0.2961



92.8981, 0.3106, 0.3192



66.0324, 0.2924, 0.3092



19.6067, 0.3101, 0.3173



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.



62.6056, 0.3052, 0.2961



73.7088, 0.3032, 0.2878



64.3956, 0.3160, 0.2996



14.3126, 0.3074, 0.3054



6.3654, 0.2234, 0.1004



0.5241, 0.2374, 0.1081

Inverse Universe

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



63.5701, 0.3274, 0.3160



75.1971, 0.3314, 0.3127



73.9145, 0.3096, 0.3603



14.4631, 0.3230, 0.3196



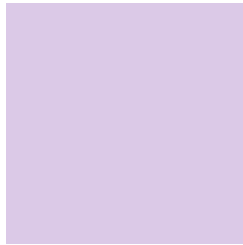
9.9845, 0.5372, 0.2733



0.7558, 0.4986, 0.2520

Previews

White Background



This preview shows how the Yxy color 62.6029, 0.3052, 0.2961 looks on a white background.

Color Contrast Check

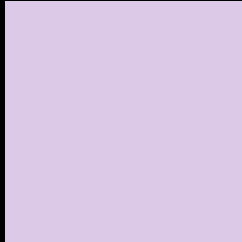
Large Text (above 18pt) WCAG AA × Fail

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 62.6029, 0.3052, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

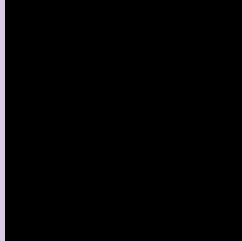
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6029, 0.3052, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 62.6029, 0.3052, 0.2961.



This preview shows how white text looks on a background with the Yxy color 62.6029, 0.3052, 0.2961.

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

62.6029, 0.3052, 0.2961

Protanopia

62.7796, 0.2916, 0.2975

Deuteranopia

62.7623, 0.3037, 0.2971



Tritanopia

62.5781, 0.3120, 0.3111

Trichromacy



Original Color

62.6029, 0.3052, 0.2961

Protanomaly

62.6242, 0.2965, 0.2967

Deuteranomaly

62.9160, 0.3044, 0.2972

Tritanomaly

62.4742, 0.3100, 0.3057

Monochromacy



Original Color

62.6029, 0.3052, 0.2961

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.8337, 0.3096, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6029, 0.3052, 0.2961 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(219, 201, 231)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 231)  
}
```

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(219, 201, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 231) }
```

Border

The CSS property to change the border of an element to Yxy 62.6029, 0.3052, 0.2961 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(219, 201, 231) }
```

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

```
.border{ border-color:rgb(219, 201, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 231);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6029, 0.3052, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 231) }
```

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

```
.background{ background-color: rgb(219,  
201, 231) }
```

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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