

Converting Colors

Yxy(61.9895, 0.3084, 0.3125)

Have a look what the booklet for
Yxy(61.9895, 0.3084, 0.3125)
contains.

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Color

Yxy(62.0966, 0.3082, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	D3CCDA
RGB	211, 204, 218
RGB Percent	83%, 80%, 85%
CMY	0.1723, 0.2001, 0.1450
CMYK	0.03, 0.06, 0.00, 0.15
HSL	270°, 16%, 83%
HSV	270°, 6%, 85%
XYZ	61.1248, 62.0966, 75.1069
YIQ	207.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

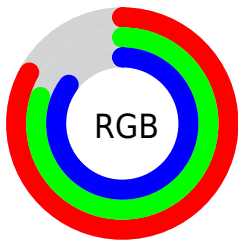
Format	Color
R _Y B	211, 204, 218
Decimal	13880538
CIE Lab	82.96, 5.01, -6.08
CIE LCh	83, 7.881, 309.464
Yxy	62.0966, 0.3082, 0.3131
Android (android.graphics.Color)	4292070618 (0xFFD3CCDA)
YUV	207.6890, 5.0833, 2.9037
Hunter-Lab	78.8014, 0.5567, -1.3493

Details

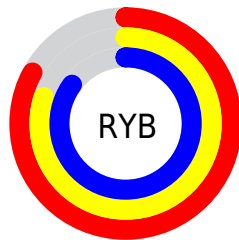
The Yxy color **62.0966, 0.3082, 0.3131** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3544, 0.3170, 0.3449**, and the grayscale version is **62.8377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5250, 0.3066, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **50.9057, 0.3002, 0.2867**, and if you desaturate by 10%, it is **74.8511, 0.3150, 0.3374**.

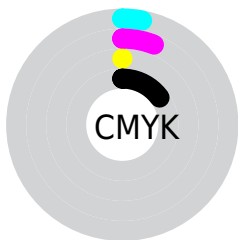
Distribution



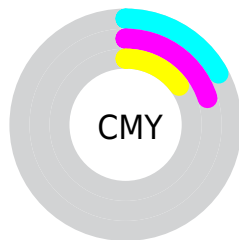
- Red (83%)
- Green (80%)
- Blue (85%)



- Red (83%)
- Yellow (80%)
- Blue (85%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0966, 0.3082, 0.3131 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 62.0966, 0.3082, 0.3131 by changing the saturation by 10% instead.

■ 62.0966, 0.3082,
0.3131

■ 62.0966, 0.3082,
0.3131

432.2834, 0.3104,
0.3206

■ 45.1108, 0.3077,
0.3113

107.8651, 0.3090,
0.3157

■ 31.5447, 0.3070,
0.3092

137.4166, 0.3093,
0.3167

■ 21.0140, 0.3062,
0.3064

171.9254, 0.3095,
0.3176

■ 13.1342, 0.3050,
0.3027

211.7760, 0.3097,
0.3184

■ 7.5210, 0.3034,
0.2975

257.3527, 0.3099,
0.3190

■ 3.7900, 0.3009,
0.2898

309.0398, 0.3101,

■ 1.5568, 0.2965,

0.3196

0.2773

367.2220, 0.3103,
0.3201

0.3282, 0.2810,
0.2124

0.0000, 0.0000,
0.0000

62.0966, 0.3082,
0.3131

62.0966, 0.3082,
0.3131

50.9057, 0.3002,
0.2867

74.8511, 0.3150,
0.3374

41.2084, 0.2909,
0.2585

89.2197, 0.3207,
0.3595

32.9412, 0.2803,
0.2290

95.7310, 0.3271,
0.3659

26.0326, 0.2686,
0.1993

97.7194, 0.3341,
0.3651

■ 20.4050, 0.2559,
0.1705

■ 97.8430, 0.3345,
0.3651

■ 15.9725, 0.2428,
0.1440

■ 12.6384, 0.2296,
0.1215

■ 10.2899, 0.2171,
0.1040

■ 8.7852, 0.2058,
0.0921

Harmonies

Analogous

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



62.0966, 0.2994, 0.3121



62.0966, 0.3082, 0.3131



62.0966, 0.3183, 0.3181

Triad

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



62.0966, 0.3082, 0.3131



62.0966, 0.3316, 0.3422



62.0966, 0.2985, 0.3319

Complementary

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



62.0966, 0.3082, 0.3131



68.3544, 0.3170, 0.3449

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.



62.0966, 0.3069, 0.3403



62.0966, 0.3082, 0.3131



62.0966, 0.3261, 0.3462

Square

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



62.0966, 0.3082, 0.3131



62.0966, 0.3320, 0.3347



62.0966, 0.3170, 0.3456



62.0966, 0.2939, 0.3228

Rectangle

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



62.0966, 0.3082, 0.3131



62.0966, 0.3245, 0.3232



62.0966, 0.3170, 0.3456



62.0966, 0.3010, 0.3349

Sweetspot

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



62.0993, 0.3082, 0.3131



96.3120, 0.3114, 0.3241



64.4888, 0.3029, 0.3210



20.6534, 0.3114, 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.



62.0993, 0.3082, 0.3131



85.7974, 0.3070, 0.3089



63.1510, 0.3134, 0.3134



12.9377, 0.3059, 0.3054



5.0742, 0.2035, 0.0895



0.3800, 0.2212, 0.0992

Inverse Universe

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



62.7888, 0.3185, 0.3212



87.0238, 0.3201, 0.3192



67.3479, 0.3120, 0.3451



13.1588, 0.3214, 0.3174



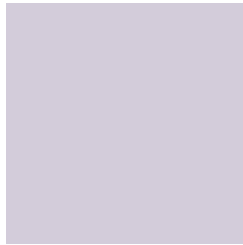
9.6031, 0.4965, 0.2509



0.6395, 0.4602, 0.2309

Previews

White Background



This preview shows how the Yxy color 62.0966, 0.3082, 0.3131 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 62.0966, 0.3082, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

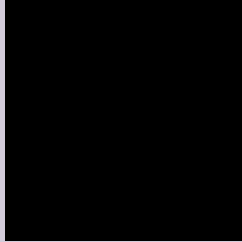
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

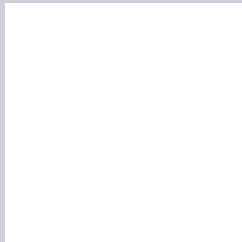
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0966, 0.3082, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 62.0966, 0.3082, 0.3131.

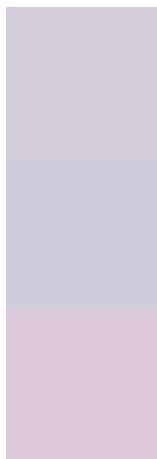


This preview shows how white text looks on a background with the Yxy color 62.0966, 0.3082, 0.3131.

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

62.0966, 0.3082, 0.3131

Protanopia

62.0425, 0.3045, 0.3130

Deuteranopia

62.2599, 0.3152, 0.3091



Tritanopia

62.2019, 0.3068, 0.3109

Trichromacy



Original Color

62.0966, 0.3082, 0.3131

Protanomaly

62.1870, 0.3052, 0.3131

Deuteranomaly

62.1072, 0.3121, 0.3100

Tritanomaly

62.1491, 0.3075, 0.3120

Monochromacy



Original Color

62.0966, 0.3082, 0.3131

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9344, 0.3107, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0966, 0.3082, 0.3131 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(211, 204, 218) looks like.

```
.text, #text, p{  
    color:rgb(211, 204, 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(211, 204, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 204, 218) }
```

Border

The CSS property to change the border of an element to Yxy 62.0966, 0.3082, 0.3131 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(211, 204, 218) }
```

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

```
.border{ border-color:rgb(211, 204, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 204, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 204, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 204, 218); box-shadow:4px 4px 4px 4px rgb(211, 204, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0966, 0.3082, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 204, 218) }
```

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

```
.background{ background-color: rgb(211,  
204, 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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