

Converting Colors

Yxy(62.1866, 0.3144, 0.3100)

Have a look what the booklet for
Yxy(62.1866, 0.3144, 0.3100)
contains.

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Color

Yxy(62.0509, 0.3151, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	DCC9DA
RGB	220, 201, 218
RGB Percent	86%, 79%, 85%
CMY	0.1374, 0.2117, 0.1450
CMYK	0.00, 0.09, 0.01, 0.14
HSL	306°, 21%, 83%
HSV	306°, 9%, 86%
XYZ	63.0514, 62.0509, 74.9973
YIQ	208.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

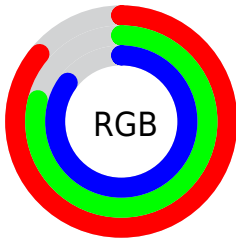
Format	Color
R _Y B	220, 201, 218
Decimal	14469594
CIE Lab	82.94, 9.60, -6.04
CIE LCh	83, 11.344, 327.825
Yxy	62.0509, 0.3151, 0.3101
Android (android.graphics.Color)	4292659674 (0xFFDCC9DA)
YUV	208.6190, 4.6248, 9.9811
Hunter-Lab	78.7724, 5.0242, -1.3079

Details

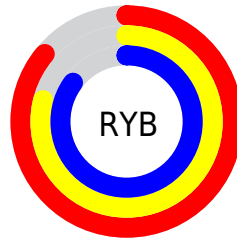
The Yxy color **62.0509, 0.3151, 0.3101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8991, 0.3104, 0.3487**, and the grayscale version is **63.4658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5111, 0.3159, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **52.4034, 0.3182, 0.2875**, and if you desaturate by 10%, it is **73.1740, 0.3124, 0.3320**.

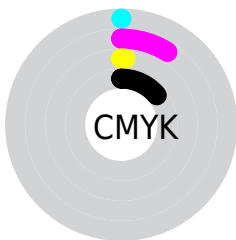
Distribution



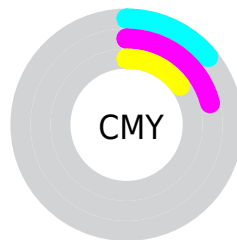
- Red (86%)
- Green (79%)
- Blue (85%)



- Red (86%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0509, 0.3151, 0.3101 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 62.0509, 0.3151, 0.3101 by changing the saturation by 10% instead.

62.0509, 0.3151,
0.3101

62.0509, 0.3151,
0.3101

432.1167, 0.3140,
0.3190

45.0738, 0.3153,
0.3080

107.7991, 0.3147,
0.3132

31.5156, 0.3156,
0.3055

137.3390, 0.3146,
0.3144

20.9918, 0.3160,
0.3022

171.8353, 0.3145,
0.3154

13.1180, 0.3164,
0.2979

211.6724, 0.3144,
0.3163

7.5098, 0.3171,
0.2919

257.2347, 0.3143,
0.3171

3.7829, 0.3179,
0.2830

308.9066, 0.3142,

1.5529, 0.3190,

0.3178

0.2687

367.0725, 0.3141,
0.3184

0.3255, 0.3304,
0.1978

0.0000, 0.0000,
0.0000

62.0509, 0.3151,
0.3101

62.0509, 0.3151,
0.3101

52.4034, 0.3182,
0.2875

73.1740, 0.3124,
0.3320

44.1612, 0.3216,
0.2648

85.8231, 0.3100,
0.3527

37.2606, 0.3253,
0.2426

92.1560, 0.3083,
0.3604

31.6296, 0.3293,
0.2220

92.2800, 0.3070,
0.3580

■ 27.1895, 0.3334,
0.2038

■ 92.4056, 0.3057,
0.3556

■ 23.8530, 0.3374,
0.1890

■ 92.5329, 0.3045,
0.3532

■ 21.5207, 0.3414,
0.1783

■ 92.6618, 0.3032,
0.3508

■ 20.0753, 0.3451,
0.1720

■ 92.7924, 0.3020,
0.3484

■ 19.3396, 0.3485,
0.1698

■ 92.9246, 0.3007,
0.3461

Harmonies

Analogous

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



62.0509, 0.3008, 0.3050



62.0509, 0.3151, 0.3101



62.0509, 0.3290, 0.3200

Triad

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



62.0509, 0.3151, 0.3101



62.0509, 0.3358, 0.3522



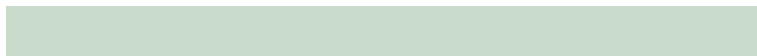
62.0509, 0.2875, 0.3248

Complementary

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



62.0509, 0.3151, 0.3101



67.8991, 0.3104, 0.3487

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.



62.0509, 0.2964, 0.3381



62.0509, 0.3151, 0.3101



62.0509, 0.3243, 0.3542

Square

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



62.0509, 0.3151, 0.3101



62.0509, 0.3411, 0.3440



62.0509, 0.3099, 0.3491



62.0509, 0.2851, 0.3131

Rectangle

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



62.0509, 0.3151, 0.3101



62.0509, 0.3361, 0.3281



62.0509, 0.3099, 0.3491



62.0509, 0.2898, 0.3293

Sweetspot

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



62.0536, 0.3151, 0.3101



95.1653, 0.3135, 0.3224



59.6292, 0.3008, 0.3071



20.0997, 0.3137, 0.3207



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.



62.0536, 0.3151, 0.3101



84.6282, 0.3155, 0.3068



61.5740, 0.3220, 0.3205



13.2506, 0.3153, 0.3083



11.3164, 0.3485, 0.1693



0.7399, 0.3434, 0.1665

Inverse Universe

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



62.0536, 0.3151, 0.3101



84.6282, 0.3155, 0.3068



68.3622, 0.3043, 0.3377



13.2506, 0.3153, 0.3083



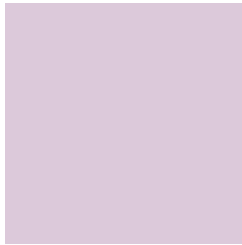
11.3164, 0.3485, 0.1693



0.7399, 0.3434, 0.1665

Previews

White Background



This preview shows how the Yxy color 62.0509, 0.3151, 0.3101 looks on a white background.

Color Contrast Check

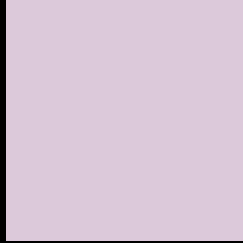
Large Text (above 18pt) WCAG AA × Fail

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 62.0509, 0.3151, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

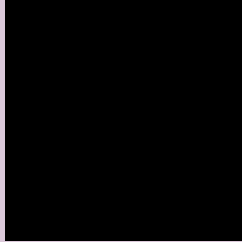
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

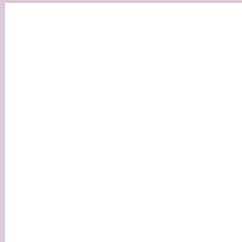
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0509, 0.3151, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 62.0509, 0.3151, 0.3101.

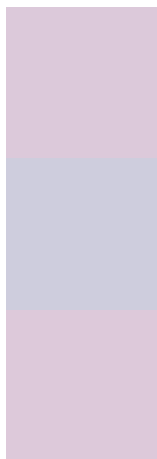


This preview shows how white text looks on a background with the Yxy color 62.0509, 0.3151, 0.3101.

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

62.0509, 0.3151, 0.3101

Protanopia

62.0049, 0.3024, 0.3107

Deuteranopia

62.2074, 0.3159, 0.3102



Tritanopia

61.9987, 0.3159, 0.3112

Trichromacy



Original Color

62.0509, 0.3151, 0.3101

Protanomaly

62.2019, 0.3068, 0.3109

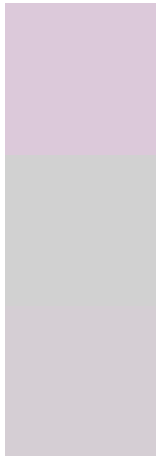
Deuteranomaly

62.2074, 0.3159, 0.3102

Tritanomaly

61.9987, 0.3159, 0.3112

Monochromacy



Original Color

62.0509, 0.3151, 0.3101

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0422, 0.3138, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0509, 0.3151, 0.3101 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(220, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 201, 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(220, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 201, 218) }
```

Border

The CSS property to change the border of an element to Yxy 62.0509, 0.3151, 0.3101 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(220, 201, 218) }
```

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

```
.border{ border-color:rgb(220, 201, 218) }
```

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

Here you see how a box with a 4 pixel rgb(220, 201, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(220, 201,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0509, 0.3151, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 201, 218) }
```

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

```
.background{ background-color: rgb(220,  
201, 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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