

Converting Colors

$Y_{xy}(62.1073, 0.3115, 0.3057)$

Have a look what the booklet for
Yxy(62.1073, 0.3115, 0.3057)
contains.

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Color

Yxy(62.1073, 0.3115, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9DE
RGB	219, 201, 222
RGB Percent	86%, 79%, 87%
CMY	0.1412, 0.2117, 0.1293
CMYK	0.01, 0.09, 0.00, 0.13
HSL	291°, 24%, 83%
HSV	291°, 9%, 87%
XYZ	63.2857, 62.1073, 77.7713
YIQ	208.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

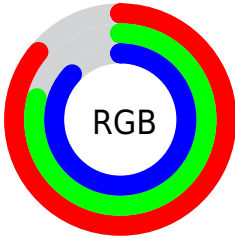
Format	Color
R _Y B	219, 201, 222
Decimal	14404062
CIE Lab	82.97, 10.01, -8.14
CIE LCh	83, 12.903, 320.887
Yxy	62.1073, 0.3115, 0.3057
Android (android.graphics.Color)	4292594142 (0xFFDBC9DE)
YUV	208.7760, 6.5194, 8.9664
Hunter-Lab	78.8082, 5.4272, -3.3442

Details

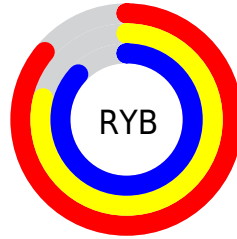
The Yxy color $62.1073, 0.3115, 0.3057$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.3103, 0.3137, 0.3531$, and the grayscale version is $63.5635, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5500, 0.3110, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $52.0054, 0.3099, 0.2801$, and if you desaturate by 10%, it is $73.7201, 0.3128, 0.3303$.

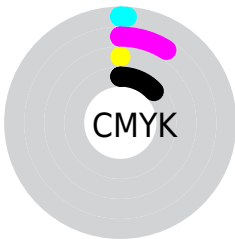
Distribution



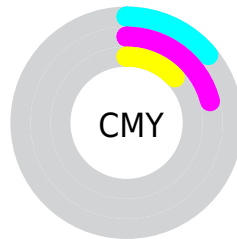
- Red (86%)
- Green (79%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1073, 0.3115, 0.3057 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 62.1073, 0.3115, 0.3057 by changing the saturation by 10% instead.

62.1073, 0.3115,
0.3057

62.1073, 0.3115,
0.3057

432.3224, 0.3122,
0.3166

45.1194, 0.3113,
0.3032

107.8806, 0.3117,
0.3095

31.5515, 0.3111,
0.3000

137.4348, 0.3118,
0.3110

21.0192, 0.3108,
0.2960

171.9465, 0.3119,
0.3123

13.1380, 0.3103,
0.2908

211.8002, 0.3120,
0.3134

7.5236, 0.3096,
0.2835

257.3803, 0.3120,
0.3143

3.7917, 0.3085,
0.2728

309.0710, 0.3121,

1.5577, 0.3063,

0.3152

367.2569, 0.3121,
0.3159

0.2557

0.3288, 0.3072,
0.1814

0.0000, 0.0000,
0.0000

62.1073, 0.3115,
0.3057

62.1073, 0.3115,
0.3057

52.0054, 0.3099,
0.2801

73.7201, 0.3128,
0.3303

43.3425, 0.3078,
0.2541

86.8958, 0.3137,
0.3534

36.0526, 0.3054,
0.2285

93.3826, 0.3152,
0.3628

30.0616, 0.3025,
0.2043

93.9112, 0.3172,
0.3626

■ 25.2884, 0.2993,
0.1825

■ 94.4495, 0.3192,
0.3624

■ 21.6425, 0.2958,
0.1641

■ 94.9976, 0.3213,
0.3622

■ 19.0209, 0.2921,
0.1498

■ 95.5554, 0.3233,
0.3620

■ 17.3017, 0.2884,
0.1401

■ 96.1231, 0.3254,
0.3618

■ 16.2828, 0.2846,
0.1343

■ 96.7007, 0.3274,
0.3616

Harmonies

Analogous

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



62.1073, 0.2958, 0.3014



62.1073, 0.3115, 0.3057



62.1073, 0.3279, 0.3158

Triad

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



62.1073, 0.3115, 0.3057



62.1073, 0.3411, 0.3537



62.1073, 0.2858, 0.3277

Complementary

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



62.1073, 0.3115, 0.3057



69.3103, 0.3137, 0.3531

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.



62.1073, 0.2974, 0.3427



62.1073, 0.3115, 0.3057



62.1073, 0.3293, 0.3579

Square

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



62.1073, 0.3115, 0.3057



62.1073, 0.3452, 0.3432



62.1073, 0.3133, 0.3539



62.1073, 0.2813, 0.3136

Rectangle

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



62.1073, 0.3115, 0.3057



62.1073, 0.3369, 0.3246



62.1073, 0.3133, 0.3539



62.1073, 0.2890, 0.3328

Sweetspot

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



62.1100, 0.3115, 0.3057



95.0078, 0.3124, 0.3217



60.9533, 0.2980, 0.3084



20.0570, 0.3123, 0.3197



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.



62.1100, 0.3115, 0.3057



82.6340, 0.3113, 0.3016



62.1969, 0.3191, 0.3139



13.8306, 0.3115, 0.3057



9.6790, 0.2850, 0.1343



0.6986, 0.2908, 0.1376

Inverse Universe

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



61.6688, 0.3270, 0.3257



81.9394, 0.3297, 0.3251



69.2420, 0.3068, 0.3446



13.7325, 0.3270, 0.3257



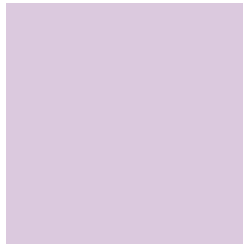
9.2957, 0.6200, 0.3189



0.6546, 0.5832, 0.2986

Previews

White Background



This preview shows how the Yxy color 62.1073, 0.3115, 0.3057 looks on a white background.

Color Contrast Check

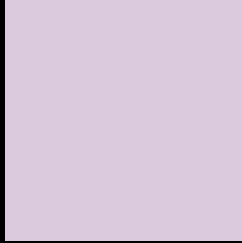
Large Text (above 18pt) WCAG AA × Fail

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 62.1073, 0.3115, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

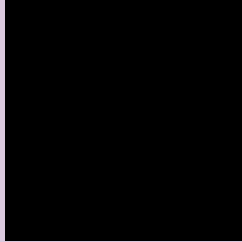
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1073, 0.3115, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 62.1073, 0.3115, 0.3057.



This preview shows how white text looks on a background with the Yxy color 62.1073, 0.3115, 0.3057.

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

62.1073, 0.3115, 0.3057

Protanopia

62.0780, 0.2990, 0.3063

Deuteranopia

62.2629, 0.3123, 0.3058



Tritanopia

62.2084, 0.3136, 0.3112

Trichromacy



Original Color

62.1073, 0.3115, 0.3057

Protanomaly

62.2692, 0.3033, 0.3065

Deuteranomaly

62.2629, 0.3123, 0.3058

Tritanomaly

62.2610, 0.3128, 0.3101

Monochromacy



Original Color

62.1073, 0.3115, 0.3057

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1438, 0.3124, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1073, 0.3115, 0.3057 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 222) }
```

Border

The CSS property to change the border of an element to Yxy 62.1073, 0.3115, 0.3057 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, 222) }
```

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

```
.border{ border-color:rgb(219, 201, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1073, 0.3115, 0.3057 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, 222) }
```

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

```
.background{ background-color: rgb(219,  
201, 222) }
```

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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