

Converting Colors

Yxy(69.4088, 0.3080, 0.3172)

Have a look what the booklet for
Yxy(69.4088, 0.3080, 0.3172)
contains.

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Color

Yxy(69.1519, 0.3082, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	DBD7E2
RGB	219, 215, 226
RGB Percent	86%, 84%, 89%
CMY	0.1413, 0.1568, 0.1137
CMYK	0.03, 0.05, 0.00, 0.11
HSL	262°, 16%, 86%
HSV	262°, 5%, 89%
XYZ	67.2322, 69.1519, 81.7607
YIQ	217.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

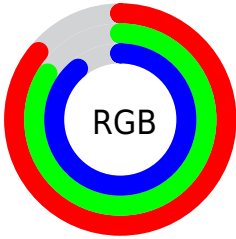
Format	Color
R _Y B	219, 215, 226
Decimal	14407650
CIE Lab	86.58, 3.35, -4.92
CIE LCh	87, 5.956, 304.229
Yxy	69.1519, 0.3082, 0.3170
Android (android.graphics.Color)	4292597730 (0xFFDBD7E2)
YUV	217.4500, 4.2152, 1.3594
Hunter-Lab	83.1576, -1.2101, -0.0837

Details

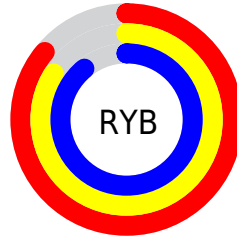
The Yxy color **69.1519, 0.3082, 0.3170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8450, 0.3171, 0.3409**, and the grayscale version is **69.6821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9744, 0.3068, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **56.2763, 0.2978, 0.2905**, and if you desaturate by 10%, it is **83.8193, 0.3171, 0.3410**.

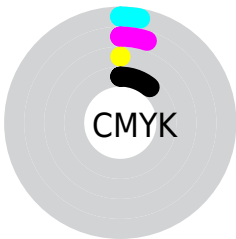
Distribution



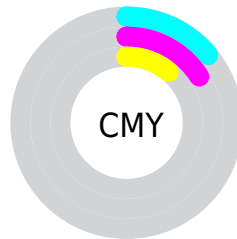
- Red (86%)
- Green (84%)
- Blue (89%)



- Red (86%)
- Yellow (84%)
- Blue (89%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1519, 0.3082, 0.3170 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 69.1519, 0.3082, 0.3170 by changing the saturation by 10% instead.

■ 69.1519, 0.3082,
0.3170

■ 69.1519, 0.3082,
0.3170

457.5665, 0.3103,
0.3226

■ 50.8354, 0.3077,
0.3157

117.9985, 0.3089,
0.3189

■ 36.0777, 0.3071,
0.3141

149.2974, 0.3092,
0.3197

■ 24.4942, 0.3063,
0.3121

185.6926, 0.3095,
0.3203

■ 15.7006, 0.3053,
0.3095

227.5685, 0.3097,
0.3209

■ 9.3125, 0.3038,
0.3059

275.3094, 0.3099,
0.3214

■ 4.9456, 0.3017,
0.3006

329.2998, 0.3100,

■ 2.2154, 0.2982,

0.3218

0.2923

389.9240, 0.3102,
0.3222

0.7284, 0.2921,
0.2748

0.0000, 0.0000,
0.0000

69.1519, 0.3082,
0.3170

69.1519, 0.3082,
0.3170

56.2763, 0.2978,
0.2905

83.8193, 0.3171,
0.3410

45.1138, 0.2858,
0.2616

96.9599, 0.3252,
0.3576

35.5931, 0.2723,
0.2308

98.2715, 0.3297,
0.3572

27.6342, 0.2573,
0.1992

■ 21.1502, 0.2414,
0.1679

■ 16.0456, 0.2251,
0.1386

■ 12.2132, 0.2092,
0.1132

■ 9.5290, 0.1947,
0.0933

■ 7.8425, 0.1824,
0.0798

Harmonies

Analogous

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



69.1519, 0.3021, 0.3169



69.1519, 0.3082, 0.3170



69.1519, 0.3156, 0.3202

Triad

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



69.1519, 0.3082, 0.3170



69.1519, 0.3268, 0.3378



69.1519, 0.3033, 0.3323

Complementary

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



69.1519, 0.3082, 0.3170



74.8450, 0.3171, 0.3409

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.



69.1519, 0.3098, 0.3381



69.1519, 0.3082, 0.3170



69.1519, 0.3234, 0.3412

Square

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



69.1519, 0.3082, 0.3170



69.1519, 0.3264, 0.3321



69.1519, 0.3171, 0.3414



69.1519, 0.2993, 0.3256

Rectangle

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



69.1519, 0.3082, 0.3170



69.1519, 0.3202, 0.3237



69.1519, 0.3171, 0.3414



69.1519, 0.3052, 0.3344

Sweetspot

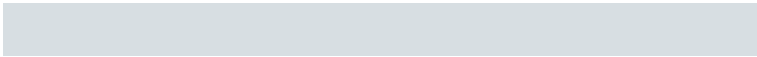
The Sweet Spot groups the original color and five complimentary colors.



69.1549, 0.3082, 0.3170



98.0748, 0.3118, 0.3266



72.2697, 0.3052, 0.3248



21.0123, 0.3119, 0.3267



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.



69.1549, 0.3082, 0.3170



88.8094, 0.3071, 0.3140



70.0062, 0.3121, 0.3172



14.2806, 0.3065, 0.3126



4.1917, 0.1784, 0.0756



0.3397, 0.1956, 0.0851

Inverse Universe

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



70.0577, 0.3159, 0.3214



90.2755, 0.3168, 0.3195



74.0052, 0.3133, 0.3411



14.5407, 0.3172, 0.3186



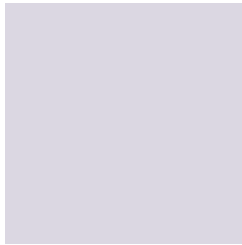
10.4138, 0.4367, 0.2180



0.7387, 0.4143, 0.2056

Previews

White Background



This preview shows how the Yxy color 69.1519, 0.3082, 0.3170 looks on a white background.

Color Contrast Check

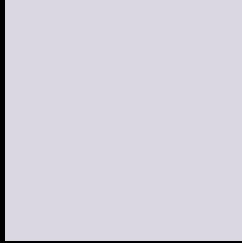
Large Text (above 18pt) WCAG AA × Fail

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 69.1519, 0.3082, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

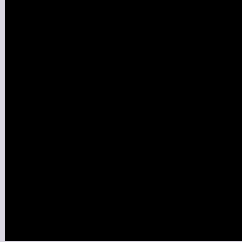
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

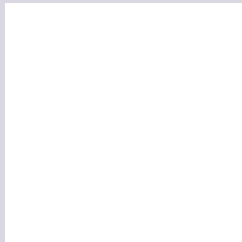
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1519, 0.3082, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 69.1519, 0.3082, 0.3170.

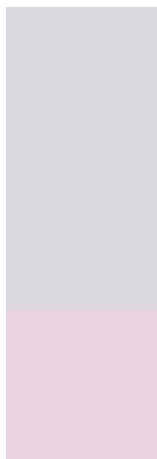


This preview shows how white text looks on a background with the Yxy color 69.1519, 0.3082, 0.3170.

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

69.1519, 0.3082, 0.3170

Protanopia

68.9973, 0.3075, 0.3170

Deuteranopia

68.9629, 0.3180, 0.3110



Tritanopia

69.0783, 0.3057, 0.3106

Trichromacy



Original Color

69.1519, 0.3082, 0.3170

Protanomaly

68.9973, 0.3075, 0.3170

Deuteranomaly

69.1270, 0.3142, 0.3129

Tritanomaly

68.9659, 0.3070, 0.3127

Monochromacy



Original Color

69.1519, 0.3082, 0.3170

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1845, 0.3115, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1519, 0.3082, 0.3170 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, 215, 226) looks like.

```
.text, #text, p{  
    color:rgb(219, 215, 226)  
}
```

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, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 215, 226) }
```

Border

The CSS property to change the border of an element to Yxy 69.1519, 0.3082, 0.3170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

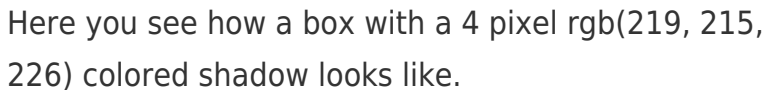
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 215, 226) }
```

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

```
.border{ border-color:rgb(219, 215, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 215, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 215, 226); box-shadow:4px 4px 4px 4px rgb(219, 215, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1519, 0.3082, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 215, 226) }
```

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

```
.background{ background-color: rgb(219,  
215, 226) }
```

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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