

Converting Colors

$Yxy(61.4271, 0.3241, 0.3246)$

Have a look what the booklet for
Yxy(61.4271, 0.3241, 0.3246)
contains.

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Color

Yxy(61.2411, 0.3239, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9CD
RGB	219, 201, 205
RGB Percent	86%, 79%, 80%
CMY	0.1410, 0.2118, 0.1961
CMYK	0.00, 0.08, 0.06, 0.14
HSL	347°, 20%, 82%
HSV	347°, 8%, 86%
XYZ	61.1279, 61.2411, 66.3555
YIQ	206.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

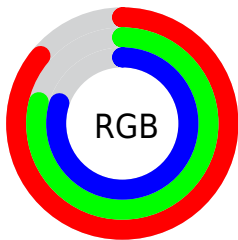
Format	Color
RYB	219, 201, 205
Decimal	14404045
CIELab	82.51, 6.98, 0.28
CIElCh	83, 6.990, 2.270
Yxy	61.2411, 0.3239, 0.3245
Android (android.graphics.Color)	4292594125 (0xFFDBC9CD)
YUV	206.8380, -0.9061, 10.6661
Hunter-Lab	78.2567, 2.4807, 4.5064

Details

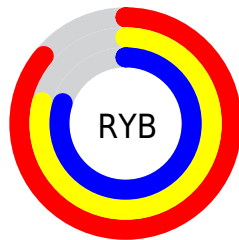
The Yxy color **61.2411, 0.3239, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0080, 0.3026, 0.3335**, and the grayscale version is **62.2927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9943, 0.3266, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **50.9710, 0.3404, 0.3187**, and if you desaturate by 10%, it is **73.0623, 0.3106, 0.3299**.

Distribution



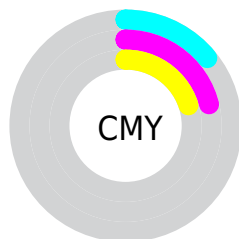
- Red (86%)
- Green (79%)
- Blue (80%)



- Red (86%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (14%)





- Cyan (14%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2411, 0.3239, 0.3245 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 61.2411, 0.3239, 0.3245 by changing the saturation by 10% instead.

 61.2411, 0.3239,
0.3245

 61.2411, 0.3239,
0.3245


429.1575, 0.3186,
0.3267

 44.4198, 0.3252,
0.3240


106.6280, 0.3220,
0.3253

 31.0007, 0.3268,
0.3233


135.9623, 0.3213,
0.3256

 20.5993, 0.3288,
0.3225


170.2364, 0.3207,
0.3258

 12.8315, 0.3316,
0.3214

209.8346, 0.3201,
0.3260

 7.3126, 0.3354,
0.3198

255.1415, 0.3197,
0.3262

 3.6583, 0.3414,
0.3174

306.5413, 0.3193,

 1.4843, 0.3514,

0.3264

0.3132

364.4185, 0.3189,
0.3265

0.2777, 0.4366,
0.2790

0.0000, 0.0000,
0.0000

61.2411, 0.3239,
0.3245

61.2411, 0.3239,
0.3245

50.9710, 0.3404,
0.3187

73.0623, 0.3106,
0.3299

42.1799, 0.3607,
0.3127

86.4871, 0.2998,
0.3349

34.8016, 0.3855,
0.3067

93.8062, 0.2912,
0.3289

28.7622, 0.4154,
0.3012

■ 23.9806, 0.4504,
0.2969

■ 20.3672, 0.4894,
0.2947

■ 17.8201, 0.5300,
0.2957

■ 16.2201, 0.5680,
0.3006

■ 15.3946, 0.5991,
0.3087

Harmonies

Analogous

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



61.2411, 0.3156, 0.3179



61.2411, 0.3239, 0.3245



61.2411, 0.3292, 0.3323

Triad

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



61.2411, 0.3239, 0.3245



61.2411, 0.3187, 0.3443



61.2411, 0.2957, 0.3184

Complementary

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



61.2411, 0.3239, 0.3245



68.0080, 0.3026, 0.3335

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.



61.2411, 0.2965, 0.3254



61.2411, 0.3239, 0.3245



61.2411, 0.3097, 0.3405

Square

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



61.2411, 0.3239, 0.3245



61.2411, 0.3261, 0.3438



61.2411, 0.3016, 0.3335



61.2411, 0.2994, 0.3144

Rectangle

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



61.2411, 0.3239, 0.3245



61.2411, 0.3303, 0.3372



61.2411, 0.3016, 0.3335



61.2411, 0.2955, 0.3204

Sweetspot

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



61.2438, 0.3239, 0.3245



96.5362, 0.3153, 0.3279



61.3075, 0.3104, 0.3087



20.6990, 0.3151, 0.3280



0.0000, 0.0000, 0.0000



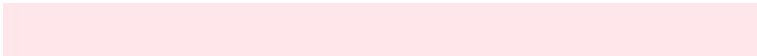
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.2438, 0.3239, 0.3245



83.5833, 0.3267, 0.3235



63.3317, 0.3263, 0.3345



13.0986, 0.3257, 0.3238



9.0731, 0.6004, 0.3081



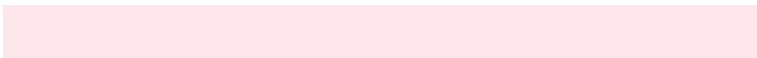
0.6009, 0.5543, 0.2827

Inverse Universe

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



61.2438, 0.3239, 0.3245



83.5833, 0.3267, 0.3235



65.7411, 0.3000, 0.3235



13.0986, 0.3257, 0.3238



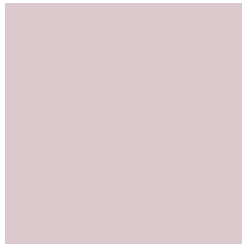
9.0731, 0.6004, 0.3081



0.6009, 0.5543, 0.2827

Previews

White Background



This preview shows how the Yxy color 61.2411, 0.3239, 0.3245 looks on a white background.

Color Contrast Check

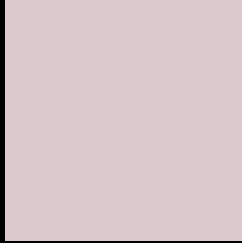
Large Text (above 18pt) WCAG AA × Fail

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 61.2411, 0.3239, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

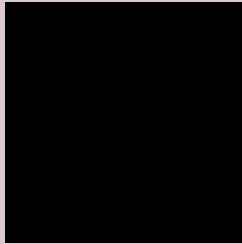
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2411, 0.3239, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 61.2411, 0.3239, 0.3245.

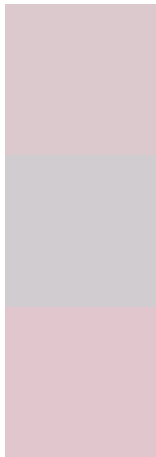


This preview shows how white text looks on a background with the Yxy color 61.2411, 0.3239, 0.3245.

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

61.2411, 0.3239, 0.3245

Protanopia

61.1006, 0.3136, 0.3255

Deuteranopia

61.2622, 0.3288, 0.3224



Tritanopia

60.9688, 0.3174, 0.3111

Trichromacy



Original Color

61.2411, 0.3239, 0.3245

Protanomaly

61.1652, 0.3175, 0.3256

Deuteranomaly

61.4043, 0.3271, 0.3234

Tritanomaly

61.2273, 0.3203, 0.3167

Monochromacy



Original Color

61.2411, 0.3239, 0.3245

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9678, 0.3166, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2411, 0.3239, 0.3245 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 205) }
```

Border

The CSS property to change the border of an element to Yxy 61.2411, 0.3239, 0.3245 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, 205) }
```

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

```
.border{ border-color:rgb(219, 201, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2411, 0.3239, 0.3245 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, 205) }
```

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

```
.background{ background-color: rgb(219,  
201, 205) }
```

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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