

Converting Colors

Yxy(60.8420, 0.3160, 0.3173)

Have a look what the booklet for
Yxy(60.8420, 0.3160, 0.3173)
contains.

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Color

Yxy(60.9235, 0.3163, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	D7C9D3
RGB	215, 201, 211
RGB Percent	84%, 79%, 83%
CMY	0.1571, 0.2117, 0.1726
CMYK	0.00, 0.06, 0.02, 0.16
HSL	317°, 15%, 82%
HSV	317°, 6%, 84%
XYZ	60.6550, 60.9235, 70.1857
YIQ	206.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

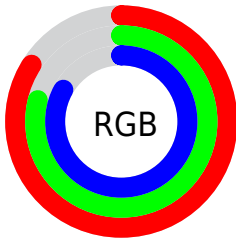
Format	Color
R _Y B	215, 201, 211
Decimal	14141907
CIE Lab	82.34, 6.60, -3.22
CIE LCh	82, 7.347, 334.015
Yxy	60.9235, 0.3163, 0.3177
Android (android.graphics.Color)	4292331987 (0xFFD7C9D3)
YUV	206.3260, 2.3043, 7.6071
Hunter-Lab	78.0535, 2.1179, 1.3239

Details

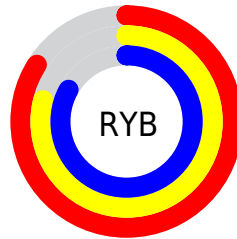
The Yxy color **60.9235, 0.3163, 0.3177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3985, 0.3093, 0.3406**, and the grayscale version is **61.9206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.7753, 0.3165, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **51.2945, 0.3226, 0.2996**, and if you desaturate by 10%, it is **71.9716, 0.3109, 0.3350**.

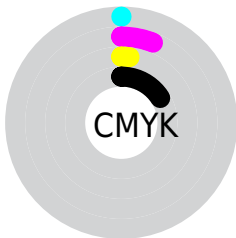
Distribution



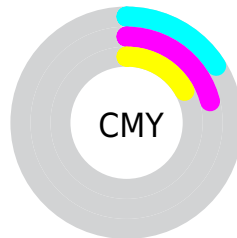
- Red (84%)
- Green (79%)
- Blue (83%)



- Red (84%)
- Yellow (79%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9235, 0.3163, 0.3177 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 60.9235, 0.3163, 0.3177 by changing the saturation by 10% instead.

■ 60.9235, 0.3163,
0.3177

■ 60.9235, 0.3163,
0.3177

427.9935, 0.3146,
0.3231

■ 44.1634, 0.3167,
0.3164

106.1682, 0.3157,
0.3196

■ 30.7990, 0.3172,
0.3149

135.4215, 0.3155,
0.3203

■ 20.4459, 0.3178,
0.3129

169.6082, 0.3153,
0.3209

■ 12.7195, 0.3186,
0.3102

209.1124, 0.3151,
0.3215

■ 7.2357, 0.3198,
0.3064

254.3186, 0.3150,
0.3219

■ 3.6099, 0.3215,
0.3008

305.6113, 0.3148,

■ 1.4579, 0.3244,

0.3224

0.2914

363.3748, 0.3147,
0.3227

0.2588, 0.3472,
0.2207

0.0000, 0.0000,
0.0000

60.9235, 0.3163,
0.3177

60.9235, 0.3163,
0.3177

51.2945, 0.3226,
0.2996

71.9716, 0.3109,
0.3350

43.0188, 0.3300,
0.2810

84.4856, 0.3064,
0.3512

36.0369, 0.3385,
0.2625

91.6313, 0.3027,
0.3559

30.2818, 0.3481,
0.2448

91.9784, 0.2994,
0.3494

■ 25.6807, 0.3587,
0.2288

■ 92.3377, 0.2960,
0.3429

■ 22.1529, 0.3701,
0.2157

■ 92.7092, 0.2928,
0.3366

■ 19.6071, 0.3820,
0.2065

■ 93.0930, 0.2895,
0.3303

■ 17.9369, 0.3939,
0.2019

■ 93.1782, 0.2888,
0.3289

■ 17.0071, 0.4055,
0.2022

Harmonies

Analogous

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



60.9235, 0.3068, 0.3136



60.9235, 0.3163, 0.3177



60.9235, 0.3249, 0.3247

Triad

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



60.9235, 0.3163, 0.3177



60.9235, 0.3265, 0.3447



60.9235, 0.2955, 0.3247

Complementary

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



60.9235, 0.3163, 0.3177



65.3985, 0.3093, 0.3406

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.



60.9235, 0.3006, 0.3332



60.9235, 0.3163, 0.3177



60.9235, 0.3184, 0.3450

Square

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



60.9235, 0.3163, 0.3177



60.9235, 0.3308, 0.3403



60.9235, 0.3090, 0.3407



60.9235, 0.2949, 0.3175

Rectangle

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



60.9235, 0.3163, 0.3177



60.9235, 0.3290, 0.3302



60.9235, 0.3090, 0.3407



60.9235, 0.2967, 0.3275

Sweetspot

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



60.9261, 0.3163, 0.3177



96.6963, 0.3138, 0.3255



59.6630, 0.3059, 0.3129



20.7316, 0.3137, 0.3257



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.



60.9261, 0.3163, 0.3177



87.3007, 0.3172, 0.3148



60.5849, 0.3214, 0.3256



12.5698, 0.3181, 0.3124



10.0559, 0.4079, 0.2021



0.6204, 0.3894, 0.1919

Inverse Universe

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



60.9261, 0.3163, 0.3177



87.3007, 0.3172, 0.3148



65.7418, 0.3047, 0.3325



12.5698, 0.3181, 0.3124



10.0559, 0.4079, 0.2021



0.6204, 0.3894, 0.1919

Previews

White Background



This preview shows how the Yxy color 60.9235, 0.3163, 0.3177 looks on a white background.

Color Contrast Check

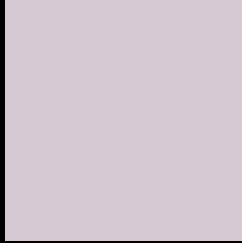
Large Text (above 18pt) WCAG AA × Fail

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 60.9235, 0.3163, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

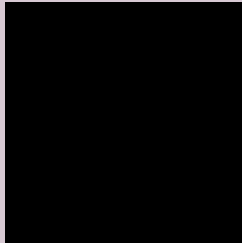
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

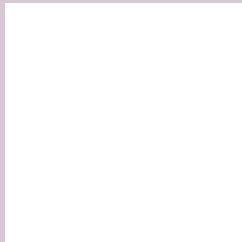
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9235, 0.3163, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 60.9235, 0.3163, 0.3177.

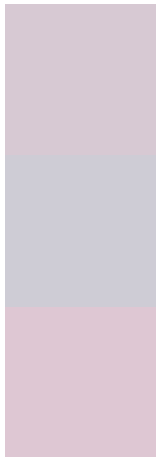


This preview shows how white text looks on a background with the Yxy color 60.9235, 0.3163, 0.3177.

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

60.9235, 0.3163, 0.3177

Protanopia

61.1116, 0.3079, 0.3186

Deuteranopia

61.0796, 0.3220, 0.3156



Tritanopia

60.8654, 0.3136, 0.3110

Trichromacy



Original Color

60.9235, 0.3163, 0.3177

Protanomaly

61.0206, 0.3109, 0.3187

Deuteranomaly

61.0718, 0.3195, 0.3167

Tritanomaly

60.7625, 0.3150, 0.3132

Monochromacy



Original Color

60.9235, 0.3163, 0.3177

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.2951, 0.3137, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9235, 0.3163, 0.3177 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(215, 201, 211)` looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 211)  
}
```

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(215, 201, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.9235, 0.3163, 0.3177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

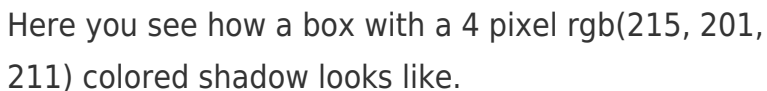
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 201, 211) }
```

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

```
.border{ border-color:rgb(215, 201, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 201, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 201, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 201, 211); box-shadow:4px 4px 4px 4px rgb(215, 201, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9235, 0.3163, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 211) }
```

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

```
.background{ background-color: rgb(215,  
201, 211) }
```

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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