

Converting Colors

Yxy(57.2200, 0.3174, 0.3089)

Have a look what the booklet for
Yxy(57.2200, 0.3174, 0.3089)
contains.

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Color

Yxy(57.2401, 0.3176, 0.3096)

Conversions

Conversions Part 1	
Format	Color
Hex	D7C1D2
RGB	215, 193, 210
RGB Percent	84%, 76%, 82%
CMY	0.1570, 0.2431, 0.1765
CMYK	0.00, 0.10, 0.02, 0.16
HSL	314°, 22%, 80%
HSV	314°, 10%, 84%
XYZ	58.7192, 57.2401, 68.9248
YIQ	201.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

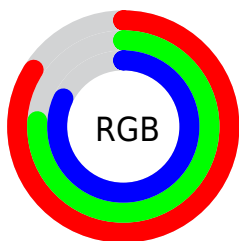
Format	Color
RYB	215, 193, 210
Decimal	14139858
CIELab	80.31, 10.70, -5.67
CIELCh	80, 12.104, 332.086
Yxy	57.2401, 0.3176, 0.3096
Android (android.graphics.Color)	4292329938 (0xFFD7C1D2)
YUV	201.5160, 4.1826, 11.8255
Hunter-Lab	75.6572, 6.1376, -1.0540

Details

The Yxy color `57.2401, 0.3176, 0.3096` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `63.9998, 0.3082, 0.3492`, and the grayscale version is `58.7146, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.2314, 0.3130, 0.3233`, and `28.3391, 0.3182, 0.3033` is the 20% darker color. If you saturate the color by 10%, you get `48.1791, 0.3232, 0.2899`, and if you desaturate by 10%, it is `67.6949, 0.3128, 0.3286`.

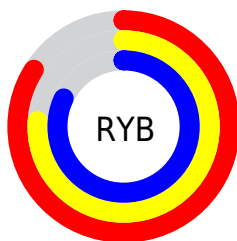
Distribution



Red (84%)

Green (76%)

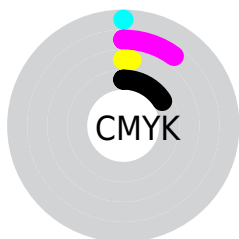
Blue (82%)



Red (84%)

Yellow (76%)

Blue (82%)

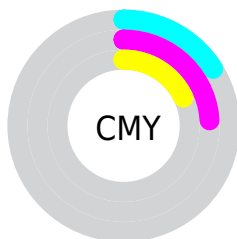


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (16%)



Cyan (16%)


Magenta (24%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2401, 0.3176, 0.3096 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 57.2401, 0.3176, 0.3096 by changing the saturation by 10% instead.


 57.2401, 0.3176,
0.3096

 57.2401, 0.3176,
0.3096


414.3484, 0.3153,
0.3188

 41.1980, 0.3181,
0.3074


 100.8154, 0.3168,
0.3129

 28.4739, 0.3188,
0.3047


129.1175, 0.3165,
0.3141

 18.6832, 0.3196,
0.3012


162.2750, 0.3162,
0.3152

 11.4416, 0.3207,
0.2965

200.6724, 0.3160,
0.3161

 6.3647, 0.3223,
0.2899

244.6941, 0.3158,
0.3169

 3.0681, 0.3245,
0.2800


294.7243, 0.3156,


 1.1674, 0.3282,


0.3176


0.2635


351.1476, 0.3155,
0.3183

 0.0348, 0.3855,
0.0456


 0.0000, 0.0000,
0.0000


 57.2401, 0.3176,
0.3096

 57.2401, 0.3176,
0.3096

 48.1791, 0.3232,
0.2899


 67.6949, 0.3128,
0.3286

 40.4450, 0.3296,
0.2699


 79.5918, 0.3087,
0.3466


 33.9767, 0.3368,
0.2504

 91.3760, 0.3053,
0.3609


 28.7051, 0.3447,
0.2321


 91.6447, 0.3026,
0.3557


 24.5547, 0.3533,
0.2162


 91.9210, 0.3000,
0.3505

 21.4414, 0.3623,
0.2035


 92.2050, 0.2973,
0.3453


 19.2689, 0.3714,
0.1950

 92.4968, 0.2947,
0.3402

 17.9232, 0.3803,
0.1913

 92.7963, 0.2921,
0.3352

 17.2068, 0.3887,
0.1915

 93.1037, 0.2895,
0.3302

Harmonies

Analogous

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



57.2401, 0.3017, 0.3032



57.2401, 0.3176, 0.3096



57.2401, 0.3325, 0.3209

Triad

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



57.2401, 0.3176, 0.3096



57.2401, 0.3365, 0.3552



57.2401, 0.2843, 0.3224

Complementary

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



57.2401, 0.3176, 0.3096



63.9998, 0.3082, 0.3492

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.



57.2401, 0.2931, 0.3370



57.2401, 0.3176, 0.3096



57.2401, 0.3232, 0.3563

Square

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



57.2401, 0.3176, 0.3096



57.2401, 0.3435, 0.3470



57.2401, 0.3073, 0.3496



57.2401, 0.2828, 0.3101

Rectangle

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



57.2401, 0.3176, 0.3096



57.2401, 0.3397, 0.3299



57.2401, 0.3073, 0.3496



57.2401, 0.2865, 0.3272

Sweetspot

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



57.2426, 0.3176, 0.3096



95.1048, 0.3141, 0.3233



55.0271, 0.3005, 0.3030



20.0833, 0.3145, 0.3218



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.



57.2426, 0.3176, 0.3096



81.5685, 0.3186, 0.3059



56.7240, 0.3258, 0.3218



12.5824, 0.3172, 0.3111



10.3121, 0.3875, 0.1908



0.6340, 0.3737, 0.1832

Inverse Universe

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



57.2426, 0.3176, 0.3096



81.5685, 0.3186, 0.3059



64.5142, 0.3011, 0.3363



12.5824, 0.3172, 0.3111



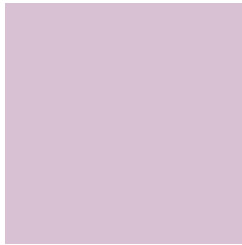
10.3121, 0.3875, 0.1908



0.6340, 0.3737, 0.1832

Previews

White Background



This preview shows how the Yxy color 57.2401, 0.3176, 0.3096 looks on a white background.

Color Contrast Check

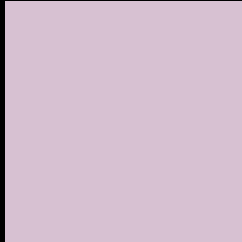
Large Text (above 18pt) WCAG AA × Fail

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 57.2401, 0.3176, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

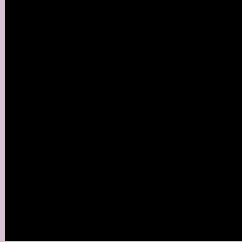
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2401, 0.3176, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 57.2401, 0.3176, 0.3096.



This preview shows how white text looks on a background with the Yxy color 57.2401, 0.3176, 0.3096.

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

57.2401, 0.3176, 0.3096

Protanopia

57.3344, 0.3027, 0.3113

Deuteranopia

57.0892, 0.3168, 0.3095



Tritanopia

57.1411, 0.3191, 0.3118

Trichromacy



Original Color
57.2401, 0.3176, 0.3096

Protanomaly
57.2125, 0.3081, 0.3103

Deuteranomaly
57.0892, 0.3168, 0.3095

Tritanomaly
57.1905, 0.3184, 0.3107

Monochromacy



Original Color
57.2401, 0.3176, 0.3096

Achromatopsia
59.0619, 0.3127, 0.3290

Achromatomaly
58.5200, 0.3146, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2401, 0.3176, 0.3096 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, 193, 210) looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 210)  
}
```

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, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 210) }
```

Border

The CSS property to change the border of an element to Yxy 57.2401, 0.3176, 0.3096 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, 193, 210) }
```

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

```
.border{ border-color:rgb(215, 193, 210) }
```

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

Here you see how a box with a 4 pixel rgb(215, 193, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2401, 0.3176, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 210) }
```

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

```
.background{ background-color: rgb(215,  
193, 210) }
```

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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