

Converting Colors

$Yxy(57.0445, 0.3207, 0.3143)$

Have a look what the booklet for
Yxy(57.0445, 0.3207, 0.3143)
contains.

Yxy(57.0432, 0.3207, 0.3141)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.0432, 0.3207, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	D7C1CE
RGB	215, 193, 206
RGB Percent	84%, 76%, 81%
CMY	0.1567, 0.2432, 0.1922
CMYK	0.00, 0.10, 0.04, 0.16
HSL	325°, 22%, 80%
HSV	325°, 10%, 84%
XYZ	58.2418, 57.0432, 66.3234
YIQ	201.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

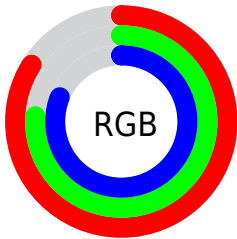
Format	Color
R _Y B	215, 193, 206
Decimal	14139854
CIE Lab	80.20, 10.01, -3.67
CIE LCh	80, 10.666, 339.881
Yxy	57.0432, 0.3207, 0.3141
Android (android.graphics.Color)	4292329934 (0xFFD7C1CE)
YUV	201.0600, 2.4354, 12.2254
Hunter-Lab	75.5269, 5.4762, 0.8038

Details

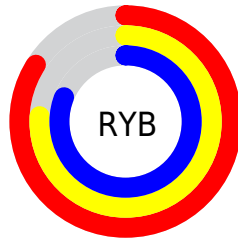
The Yxy color $57.0432, 0.3207, 0.3141$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.2244, 0.3055, 0.3444$, and the grayscale version is $58.4317, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $28.2058, 0.3223, 0.3093$ is the 20% darker color. If you saturate the color by 10%, you get $47.8025, 0.3300, 0.2989$, and if you desaturate by 10%, it is $67.6953, 0.3129, 0.3286$.

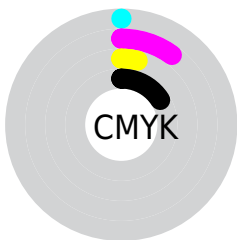
Distribution



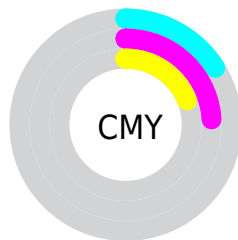
- Red (84%)
- Green (76%)
- Blue (81%)



- Red (84%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0432, 0.3207, 0.3141 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 57.0432, 0.3207, 0.3141 by changing the saturation by 10% instead.


 57.0432, 0.3207,
0.3141

 57.0432, 0.3207,
0.3141


413.6112, 0.3169,
0.3212

 41.0399, 0.3216,
0.3124


 100.5282, 0.3194,
0.3166

 28.3503, 0.3227,
0.3103


128.7788, 0.3188,
0.3176

 18.5899, 0.3242,
0.3076


161.8805, 0.3184,
0.3184

 11.3743, 0.3262,
0.3039

200.2178, 0.3180,
0.3191

 6.3192, 0.3290,
0.2987

244.1752, 0.3177,
0.3197

 3.0401, 0.3332,
0.2909

294.1369, 0.3174,

 1.1527, 0.3404,

0.3203

0.2776

350.4875, 0.3171,
0.3208

0.0226, 0.4669,
0.0396

0.0000, 0.0000,
0.0000

57.0432, 0.3207,
0.3141

57.0432, 0.3207,
0.3141

47.8025, 0.3300,
0.2989

67.6953, 0.3129,
0.3286

39.9060, 0.3411,
0.2832

79.8076, 0.3064,
0.3423

33.2920, 0.3540,
0.2678

91.8267, 0.3010,
0.3524

27.8911, 0.3688,
0.2533

92.3426, 0.2962,
0.3431

■ 23.6275, 0.3855,
0.2408

■ 92.8842, 0.2915,
0.3339

■ 20.4163, 0.4037,
0.2314

■ 93.1931, 0.2889,
0.3289

■ 18.1610, 0.4227,
0.2263

■ 16.7468, 0.4419,
0.2263

■ 15.9783, 0.4601,
0.2308

Harmonies

Analogous

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



57.0432, 0.3066, 0.3071



57.0432, 0.3207, 0.3141



57.0432, 0.3329, 0.3249

Triad

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



57.0432, 0.3207, 0.3141



57.0432, 0.3311, 0.3530



57.0432, 0.2865, 0.3201

Complementary

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



57.0432, 0.3207, 0.3141



64.2244, 0.3055, 0.3444

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.



57.0432, 0.2928, 0.3327



57.0432, 0.3207, 0.3141



57.0432, 0.3184, 0.3522

Square

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



57.0432, 0.3207, 0.3141



57.0432, 0.3390, 0.3473



57.0432, 0.3044, 0.3447



57.0432, 0.2871, 0.3102

Rectangle

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



57.0432, 0.3207, 0.3141



57.0432, 0.3382, 0.3330



57.0432, 0.3044, 0.3447



57.0432, 0.2879, 0.3241

Sweetspot

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



57.0457, 0.3207, 0.3141



95.0151, 0.3149, 0.3247



55.5757, 0.3035, 0.3031



20.0591, 0.3155, 0.3235



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.



57.0457, 0.3207, 0.3141



81.2234, 0.3223, 0.3113



56.5392, 0.3290, 0.3265



12.5424, 0.3200, 0.3153



9.5745, 0.4575, 0.2294



0.5938, 0.4276, 0.2129

Inverse Universe

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



57.0457, 0.3207, 0.3141



81.2234, 0.3223, 0.3113



64.7536, 0.2984, 0.3315



12.5424, 0.3200, 0.3153



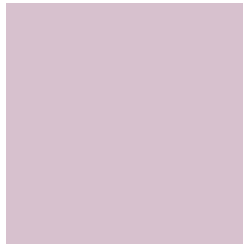
9.5745, 0.4575, 0.2294



0.5938, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 57.0432, 0.3207, 0.3141 looks on a white background.

Color Contrast Check

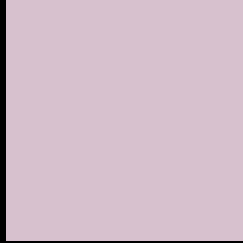
Large Text (above 18pt) WCAG AA × Fail

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 57.0432, 0.3207, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

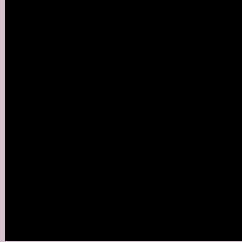
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0432, 0.3207, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 57.0432, 0.3207, 0.3141.



This preview shows how white text looks on a background with the Yxy color 57.0432, 0.3207, 0.3141.

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

57.0432, 0.3207, 0.3141

Protanopia

57.2710, 0.3063, 0.3160

Deuteranopia

57.0432, 0.3207, 0.3141



Tritanopia

57.1411, 0.3191, 0.3118

Trichromacy



Original Color

57.0432, 0.3207, 0.3141

Protanomaly

57.0131, 0.3110, 0.3149

Deuteranomaly

57.0432, 0.3207, 0.3141

Tritanomaly

57.0920, 0.3199, 0.3130

Monochromacy



Original Color

57.0432, 0.3207, 0.3141

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8218, 0.3153, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0432, 0.3207, 0.3141 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 206) }
```

Border

The CSS property to change the border of an element to Yxy 57.0432, 0.3207, 0.3141 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, 206) }
```

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

```
.border{ border-color:rgb(215, 193, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 206);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0432, 0.3207, 0.3141 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, 206) }
```

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

```
.background{ background-color: rgb(215,  
193, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor