

Converting Colors

Yxy(55.9383, 0.3241, 0.3130)

Have a look what the booklet for
Yxy(55.9383, 0.3241, 0.3130)
contains.

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Color

Yxy(55.9383, 0.3241, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	D9BECC
RGB	217, 190, 204
RGB Percent	85%, 75%, 80%
CMY	0.1491, 0.2548, 0.2001
CMYK	0.00, 0.12, 0.06, 0.15
HSL	329°, 26%, 80%
HSV	329°, 12%, 85%
XYZ	57.9221, 55.9383, 64.8563
YIQ	199.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

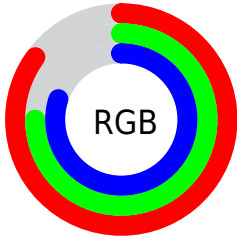
Format	Color
R _Y B	217, 190, 204
Decimal	14270156
CIE Lab	79.58, 11.93, -3.49
CIE LCh	80, 12.430, 343.708
Yxy	55.9383, 0.3241, 0.3130
Android (android.graphics.Color)	4292460236 (0xFFD9BECC)
YUV	199.6690, 2.1352, 15.1993
Hunter-Lab	74.7919, 7.3522, 0.9407

Details

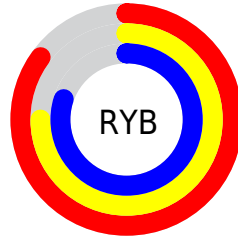
The Yxy color **55.9383, 0.3241, 0.3130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8798, 0.3027, 0.3456**, and the grayscale version is **57.5258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **27.7747, 0.3269, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **46.7443, 0.3354, 0.2994**, and if you desaturate by 10%, it is **66.5702, 0.3147, 0.3260**.

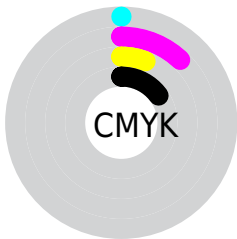
Distribution



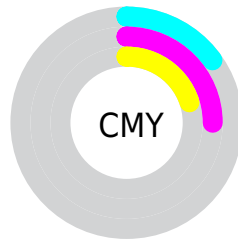
- Red (85%)
- Green (75%)
- Blue (80%)



- Red (85%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (15%)




- Cyan (15%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9383, 0.3241, 0.3130 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 55.9383, 0.3241, 0.3130 by changing the saturation by 10% instead.


 55.9383, 0.3241,
0.3130

 55.9383, 0.3241,
0.3130

409.4589, 0.3186,
0.3207

 40.1535, 0.3254,
0.3112


 98.9144, 0.3222,
0.3157

 27.6582, 0.3270,
0.3089


126.8744, 0.3214,
0.3168

 18.0682, 0.3292,
0.3059


159.6615, 0.3208,
0.3176

 10.9989, 0.3321,
0.3020

197.6603, 0.3202,
0.3184

 6.0661, 0.3361,
0.2963

241.2550, 0.3198,
0.3191

 2.8853, 0.3424,
0.2877

290.8301, 0.3193,

 1.0722, 0.3533,

0.3197

0.2731

346.7699, 0.3190,
0.3202

0.0000, 0.5613,
0.0000

0.0000, 0.0000,
0.0000

55.9383, 0.3241,
0.3130

55.9383, 0.3241,
0.3130

46.7443, 0.3354,
0.2994

66.5702, 0.3147,
0.3260

38.9187, 0.3488,
0.2856

78.6911, 0.3070,
0.3381

32.3970, 0.3646,
0.2720

92.2891, 0.3006,
0.3493

27.1065, 0.3830,
0.2594

92.9132, 0.2949,
0.3383

■ 22.9677, 0.4037,
0.2490

■ 93.4894, 0.2900,
0.3289

■ 19.8914, 0.4263,
0.2420

■ 17.7749, 0.4499,
0.2395

■ 16.4952, 0.4734,
0.2424

■ 15.9269, 0.4906,
0.2476

Harmonies

Analogous

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



55.9383, 0.3075, 0.3041



55.9383, 0.3241, 0.3130



55.9383, 0.3379, 0.3259

Triad

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



55.9383, 0.3241, 0.3130



55.9383, 0.3326, 0.3576



55.9383, 0.2817, 0.3167

Complementary

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



55.9383, 0.3241, 0.3130



64.8798, 0.3027, 0.3456

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.



55.9383, 0.2881, 0.3314



55.9383, 0.3241, 0.3130



55.9383, 0.3172, 0.3556

Square

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



55.9383, 0.3241, 0.3130



55.9383, 0.3428, 0.3516



55.9383, 0.3010, 0.3459



55.9383, 0.2834, 0.3059

Rectangle

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



55.9383, 0.3241, 0.3130



55.9383, 0.3434, 0.3354



55.9383, 0.3010, 0.3459



55.9383, 0.2830, 0.3213

Sweetspot

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



55.9408, 0.3241, 0.3130



93.3511, 0.3161, 0.3239



54.4822, 0.3028, 0.2974



19.7217, 0.3168, 0.3230



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.



55.9408, 0.3241, 0.3130



76.8453, 0.3269, 0.3094



55.3399, 0.3344, 0.3280



13.1635, 0.3211, 0.3170



9.6643, 0.4875, 0.2459



0.6435, 0.4530, 0.2269

Inverse Universe

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



55.9408, 0.3241, 0.3130



76.8453, 0.3269, 0.3094



65.5293, 0.2944, 0.3300



13.1635, 0.3211, 0.3170



9.6643, 0.4875, 0.2459



0.6435, 0.4530, 0.2269

Previews

White Background



This preview shows how the Yxy color 55.9383, 0.3241, 0.3130 looks on a white background.

Color Contrast Check

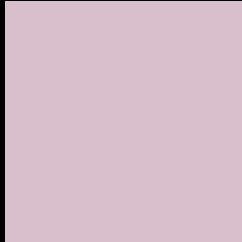
Large Text (above 18pt) WCAG AA × Fail

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 55.9383, 0.3241, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

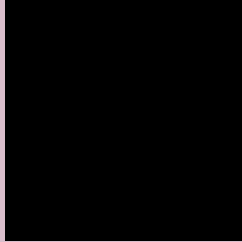
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9383, 0.3241, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 55.9383, 0.3241, 0.3130.



This preview shows how white text looks on a background with the Yxy color 55.9383, 0.3241, 0.3130.

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

55.9383, 0.3241, 0.3130

Protanopia

56.0397, 0.3056, 0.3147

Deuteranopia

55.7674, 0.3207, 0.3140



Tritanopia

55.9864, 0.3233, 0.3118

Trichromacy



Original Color

55.9383, 0.3241, 0.3130

Protanomaly

56.0677, 0.3118, 0.3137

Deuteranomaly

55.9174, 0.3215, 0.3140

Tritanomaly

55.9864, 0.3233, 0.3118

Monochromacy



Original Color

55.9383, 0.3241, 0.3130

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8187, 0.3170, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9383, 0.3241, 0.3130 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(217, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(217, 190, 204)  
}
```

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(217, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 190, 204) }
```

Border

The CSS property to change the border of an element to Yxy 55.9383, 0.3241, 0.3130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

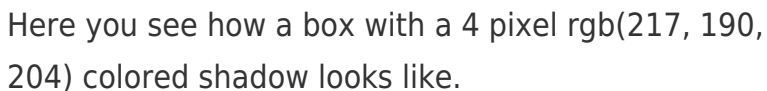
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 190, 204) }
```

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

```
.border{ border-color:rgb(217, 190, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 190, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 190, 204); box-shadow:4px 4px 4px 4px rgb(217, 190, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9383, 0.3241, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 190, 204) }
```

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

```
.background{ background-color: rgb(217,  
190, 204) }
```

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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