

Converting Colors

Yxy(51.3242, 0.3146, 0.2955)

Have a look what the booklet for
Yxy(51.3242, 0.3146, 0.2955)
contains.

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Color

Yxy(51.4025, 0.3143, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	D2B5D2
RGB	210, 181, 210
RGB Percent	82%, 71%, 82%
CMY	0.1766, 0.2901, 0.1765
CMYK	0.00, 0.14, 0.00, 0.18
HSL	300°, 24%, 77%
HSV	300°, 14%, 82%
XYZ	54.7283, 51.4025, 67.9969
YIQ	192.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

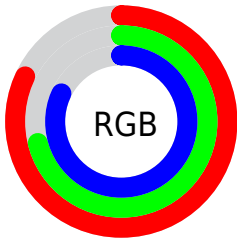
Format	Color
R _Y B	210, 181, 210
Decimal	13809106
CIE Lab	76.92, 15.44, -10.74
CIE LCh	77, 18.811, 325.180
Yxy	51.4025, 0.3143, 0.2952
Android (android.graphics.Color)	4291999186 (0xFFD2B5D2)
YUV	192.9770, 8.3923, 14.9292
Hunter-Lab	71.6955, 10.7897, -6.0444

Details

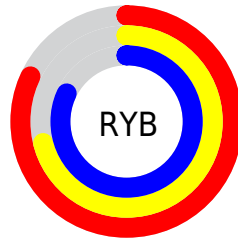
The Yxy color **51.4025, 0.3143, 0.2952** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.2466, 0.3110, 0.3653**, and the grayscale version is **53.2601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **24.8072, 0.3136, 0.2856** is the 20% darker color. If you saturate the color by 10%, you get **43.4981, 0.3155, 0.2703**, and if you desaturate by 10%, it is **60.5983, 0.3131, 0.3199**.

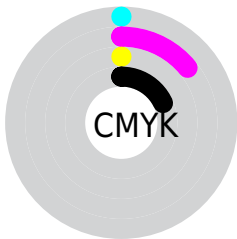
Distribution



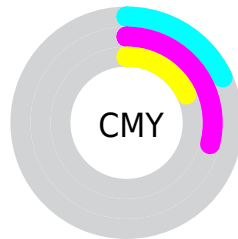
- Red (82%)
- Green (71%)
- Blue (82%)



- Red (82%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4025, 0.3143, 0.2952 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 51.4025, 0.3143, 0.2952 by changing the saturation by 10% instead.


 51.4025, 0.3143,
0.2952

 51.4025, 0.3143,
0.2952


392.1256, 0.3137,
0.3114

 36.5290, 0.3144,
0.2914


 92.2495, 0.3141,
0.3009

 24.8431, 0.3145,
0.2865


118.9917, 0.3140,
0.3031

 15.9602, 0.3146,
0.2803


150.4591, 0.3140,
0.3050

 9.4960, 0.3146,
0.2719

187.0359, 0.3139,
0.3066

 5.0661, 0.3145,
0.2601

229.1065, 0.3139,
0.3080

 2.2861, 0.3140,
0.2423

277.0554, 0.3138,

 0.7663, 0.3125,

0.3093

0.2112

331.2670, 0.3138,
0.3104

0.0000, 0.1227,
0.0000

0.0000, 0.0000,
0.0000

51.4025, 0.3143,
0.2952

51.4025, 0.3143,
0.2952

43.4981, 0.3155,
0.2703

60.5983, 0.3131,
0.3199

36.8211, 0.3166,
0.2458

71.1327, 0.3120,
0.3436

31.3119, 0.3177,
0.2226

83.0586, 0.3110,
0.3661

26.9035, 0.3187,
0.2018

89.8717, 0.3105,
0.3772

■ 23.5219, 0.3195,
0.1843

■ 89.8719, 0.3105,
0.3772

■ 21.0843, 0.3201,
0.1706

■ 89.8721, 0.3105,
0.3772

■ 19.4949, 0.3206,
0.1612

■ 89.8723, 0.3105,
0.3772

■ 18.6376, 0.3208,
0.1559

■ 89.8726, 0.3105,
0.3772

■ 18.3488, 0.3209,
0.1541

■ 89.8728, 0.3105,
0.3772

Harmonies

Analogous

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



51.4025, 0.2896, 0.2871



51.4025, 0.3143, 0.2952



51.4025, 0.3395, 0.3114

Triad

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



51.4025, 0.3143, 0.2952



51.4025, 0.3547, 0.3688



51.4025, 0.2696, 0.3231

Complementary

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



51.4025, 0.3143, 0.2952



59.2466, 0.3110, 0.3653

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.



51.4025, 0.2858, 0.3472



51.4025, 0.3143, 0.2952



51.4025, 0.3348, 0.3743

Square

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



51.4025, 0.3143, 0.2952



51.4025, 0.3633, 0.3531



51.4025, 0.3095, 0.3664



51.4025, 0.2646, 0.3020

Rectangle

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



51.4025, 0.3143, 0.2952



51.4025, 0.3528, 0.3250



51.4025, 0.3095, 0.3664



51.4025, 0.2739, 0.3312

Sweetspot

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



51.4047, 0.3143, 0.2952



93.6637, 0.3132, 0.3192



47.7285, 0.2908, 0.2933



19.8010, 0.3133, 0.3174



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.



51.4047, 0.3143, 0.2952



75.3916, 0.3147, 0.2867



50.7375, 0.3255, 0.3113



12.0090, 0.3138, 0.3061



11.1948, 0.3209, 0.1541



0.6260, 0.3209, 0.1541

Inverse Universe

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



50.0897, 0.3380, 0.3291



72.9081, 0.3455, 0.3291



59.8503, 0.3016, 0.3474



11.8083, 0.3291, 0.3290



8.3578, 0.6401, 0.3300



0.4673, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 51.4025, 0.3143, 0.2952 looks on a white background.

Color Contrast Check

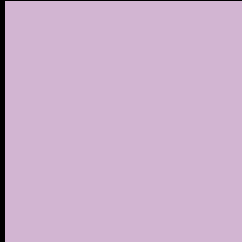
Large Text (above 18pt) WCAG AA × Fail

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 51.4025, 0.3143, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

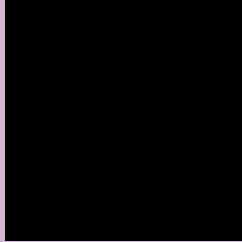
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4025, 0.3143, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 51.4025, 0.3143, 0.2952.



This preview shows how white text looks on a background with the Yxy color 51.4025, 0.3143, 0.2952.

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

51.4025, 0.3143, 0.2952

Protanopia

51.7406, 0.2914, 0.2973

Deuteranopia

51.5807, 0.3067, 0.3003



Tritanopia

51.3081, 0.3228, 0.3124

Trichromacy



Original Color

51.4025, 0.3143, 0.2952

Protanomaly

51.5240, 0.2997, 0.2965

Deuteranomaly

51.7218, 0.3100, 0.2994

Tritanomaly

51.2755, 0.3197, 0.3054

Monochromacy



Original Color

51.4025, 0.3143, 0.2952

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6608, 0.3133, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4025, 0.3143, 0.2952 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(210, 181, 210)` looks like.

```
.text, #text, p{  
    color:rgb(210, 181, 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(210, 181, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 181, 210) }
```

Border

The CSS property to change the border of an element to Yxy 51.4025, 0.3143, 0.2952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

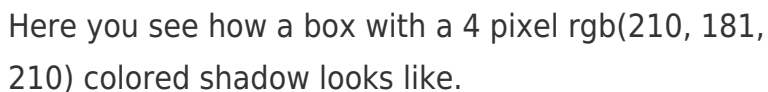
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 181, 210) }
```

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

```
.border{ border-color:rgb(210, 181, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 181, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 181, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 181, 210); box-shadow:4px 4px 4px 4px rgb(210, 181, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4025, 0.3143, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 181, 210) }
```

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

```
.background{ background-color: rgb(210,  
181, 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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