

Converting Colors

Yxy(51.0263, 0.3248, 0.2915)

Have a look what the booklet for
Yxy(51.0263, 0.3248, 0.2915)
contains.

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Color

Yxy(51.0263, 0.3248, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	DDB0D1
RGB	221, 176, 209
RGB Percent	87%, 69%, 82%
CMY	0.1333, 0.3098, 0.1804
CMYK	0.00, 0.20, 0.05, 0.13
HSL	316°, 40%, 78%
HSV	316°, 20%, 87%
XYZ	56.8554, 51.0263, 67.1657
YIQ	193.2170, 16.2270, 19.8030

Conversions

Conversions Part 2

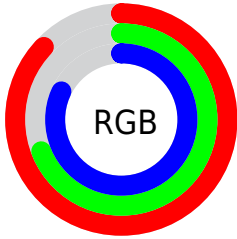
Format	Color
R _{YB}	221, 176, 209
Decimal	14528721
CIE Lab	76.69, 21.74, -10.43
CIE LCh	77, 24.116, 334.366
Yxy	51.0263, 0.3248, 0.2915
Android (android.graphics.Color)	4292718801 (0xFFDDB0D1)
YUV	193.2170, 7.7810, 24.3657
Hunter-Lab	71.4327, 17.0662, -5.7454

Details

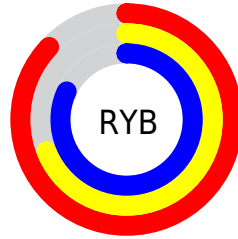
The Yxy color **51.0263, 0.3248, 0.2915** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.5849, 0.3025, 0.3697**, and the grayscale version is **53.4106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **24.6395, 0.3279, 0.2812** is the 20% darker color. If you saturate the color by 10%, you get **42.7683, 0.3322, 0.2724**, and if you desaturate by 10%, it is **60.7106, 0.3184, 0.3103**.

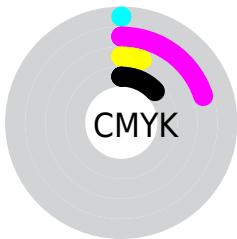
Distribution



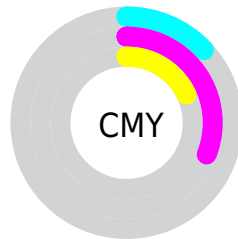
- Red (87%)
- Green (69%)
- Blue (82%)



- Red (87%)
- Yellow (69%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (13%)




- Cyan (13%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0263, 0.3248, 0.2915 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 51.0263, 0.3248, 0.2915 by changing the saturation by 10% instead.


 51.0263, 0.3248,
0.2915

 51.0263, 0.3248,
0.2915


390.6660, 0.3191,
0.3094

 36.2295, 0.3261,
0.2873


 91.6936, 0.3228,
0.2978

 24.6115, 0.3278,
0.2820


118.3330, 0.3220,
0.3002

 15.7879, 0.3299,
0.2752


149.6887, 0.3214,
0.3023

 9.3742, 0.3326,
0.2660

186.1452, 0.3208,
0.3041

 4.9860, 0.3365,
0.2532

228.0867, 0.3203,
0.3057

 2.2391, 0.3420,
0.2340

275.8977, 0.3199,

 0.7412, 0.3515,

0.3071

0.2004

329.9627, 0.3195,
0.3083

0.0000, 0.3560,
0.0000

0.0000, 0.0000,
0.0000

51.0263, 0.3248,
0.2915

51.0263, 0.3248,
0.2915

42.7683, 0.3322,
0.2724

60.7106, 0.3184,
0.3103

35.8616, 0.3407,
0.2538

71.8782, 0.3129,
0.3284

30.2345, 0.3501,
0.2363

84.5912, 0.3083,
0.3454

25.8059, 0.3604,
0.2210

92.7561, 0.3045,
0.3521

■ 22.4854, 0.3713,
0.2091

■ 93.0987, 0.3013,
0.3459

■ 20.1697, 0.3824,
0.2014

■ 93.4526, 0.2980,
0.3397

■ 18.7359, 0.3934,
0.1985

■ 93.8180, 0.2948,
0.3337

■ 17.9821, 0.4036,
0.1997

■ 94.1150, 0.2923,
0.3289

Harmonies

Analogous

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



51.0263, 0.2920, 0.2778



51.0263, 0.3248, 0.2915



51.0263, 0.3557, 0.3140

Triad

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



51.0263, 0.3248, 0.2915



51.0263, 0.3599, 0.3839



51.0263, 0.2543, 0.3118

Complementary

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



51.0263, 0.3248, 0.2915



64.5849, 0.3025, 0.3697

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.



51.0263, 0.2706, 0.3430



51.0263, 0.3248, 0.2915



51.0263, 0.3311, 0.3865

Square

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



51.0263, 0.3248, 0.2915



51.0263, 0.3763, 0.3664



51.0263, 0.2984, 0.3714



51.0263, 0.2527, 0.2878

Rectangle

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



51.0263, 0.3248, 0.2915



51.0263, 0.3703, 0.3318



51.0263, 0.2984, 0.3714



51.0263, 0.2582, 0.3218

Sweetspot

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



51.0286, 0.3248, 0.2915



90.3631, 0.3159, 0.3182



46.9641, 0.2881, 0.2744



19.1268, 0.3163, 0.3170



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.



51.0286, 0.3248, 0.2915



65.9657, 0.3275, 0.2842



49.9923, 0.3439, 0.3168



13.2123, 0.3178, 0.3120



10.4638, 0.4020, 0.1988



0.6919, 0.3859, 0.1899

Inverse Universe

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



51.0286, 0.3248, 0.2915



65.9657, 0.3275, 0.2842



65.6315, 0.2886, 0.3416



13.2123, 0.3178, 0.3120



10.4638, 0.4020, 0.1988



0.6919, 0.3859, 0.1899

Previews

White Background



This preview shows how the Yxy color 51.0263, 0.3248, 0.2915 looks on a white background.

Color Contrast Check

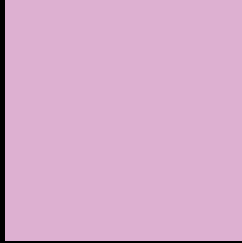
Large Text (above 18pt) WCAG AA × Fail

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 51.0263, 0.3248, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

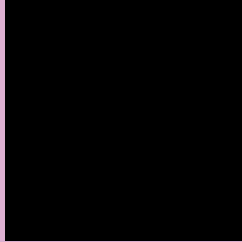
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0263, 0.3248, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 51.0263, 0.3248, 0.2915.



This preview shows how white text looks on a background with the Yxy color 51.0263, 0.3248, 0.2915.

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

51.0263, 0.3248, 0.2915

Protanopia

51.2905, 0.2892, 0.2936

Deuteranopia

51.0653, 0.3082, 0.3014



Tritanopia

51.1505, 0.3361, 0.3128

Trichromacy



Original Color

51.0263, 0.3248, 0.2915

Protanomaly

51.1418, 0.3014, 0.2932

Deuteranomaly

51.0117, 0.3142, 0.2973

Tritanomaly

51.1800, 0.3320, 0.3048

Monochromacy



Original Color

51.0263, 0.3248, 0.2915

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3607, 0.3167, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0263, 0.3248, 0.2915 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(221, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 176, 209)  
}
```

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(221, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 176, 209) }
```

Border

The CSS property to change the border of an element to Yxy 51.0263, 0.3248, 0.2915 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(221, 176, 209) }
```

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

```
.border{ border-color:rgb(221, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 176,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0263, 0.3248, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 176, 209) }
```

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

```
.background{ background-color: rgb(221,  
176, 209) }
```

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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