

Converting Colors

$Yxy(52.4938, 0.3295, 0.3067)$

Have a look what the booklet for
Yxy(52.4938, 0.3295, 0.3067)
contains.

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Color

Yxy(52.3249, 0.3291, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	DBB5C9
RGB	219, 181, 201
RGB Percent	86%, 71%, 79%
CMY	0.1413, 0.2901, 0.2117
CMYK	0.00, 0.17, 0.08, 0.14
HSL	328°, 35%, 78%
HSV	328°, 17%, 86%
XYZ	56.2749, 52.3249, 62.3966
YIQ	194.6420, 16.2280, 14.2760

Conversions

Conversions Part 2

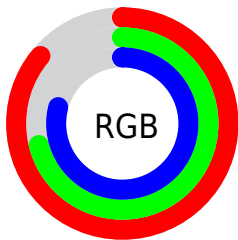
Format	Color
R_{YB}	219, 181, 201
Decimal	14398921
CIE _{Lab}	77.47, 16.94, -4.96
CIE _{LCh}	77, 17.654, 343.683
Yxy	52.3249, 0.3291, 0.3060
Android (android.graphics.Color)	4292589001 (0xFFDDBB5C9)
YUV	194.6420, 3.1345, 21.3620
Hunter-Lab	72.3360, 12.2790, -0.5081

Details

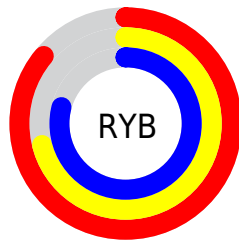
The Yxy color $52.3249, 0.3291, 0.3060$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $64.5984, 0.2990, 0.3532$, and the grayscale version is $54.3234, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $25.4374, 0.3338, 0.3001$ is the 20% darker color. If you saturate the color by 10%, you get $43.6386, 0.3412, 0.2920$, and if you desaturate by 10%, it is $62.4483, 0.3190, 0.3195$.

Distribution



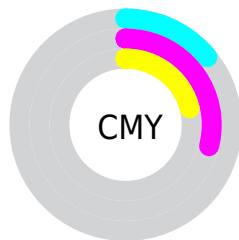
- Red (86%)
- Green (71%)
- Blue (79%)



- Red (86%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3249, 0.3291, 0.3060 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 52.3249, 0.3291, 0.3060 by changing the saturation by 10% instead.


 52.3249, 0.3291,
0.3060

 52.3249, 0.3291,
0.3060

395.6896, 0.3212,
0.3171

 37.2641, 0.3310,
0.3034


 93.6102, 0.3263,
0.3099

 25.4120, 0.3334,
0.3000


120.6035, 0.3252,
0.3114

 16.3843, 0.3366,
0.2957


152.3432, 0.3243,
0.3127

 9.7965, 0.3408,
0.2899

189.2135, 0.3235,
0.3138

 5.2642, 0.3469,
0.2815

231.5989, 0.3228,
0.3148

 2.4031, 0.3564,
0.2688

279.8838, 0.3222,

 0.8275, 0.3733,

0.3157

0.2465

334.4526, 0.3216,
0.3164

0.0000, 0.7773,
0.0000

0.0000, 0.0000,
0.0000

52.3249, 0.3291,
0.3060

52.3249, 0.3291,
0.3060

43.6386, 0.3412,
0.2920

62.4483, 0.3190,
0.3195

36.3167, 0.3555,
0.2780

74.0634, 0.3106,
0.3323

30.2903, 0.3722,
0.2645

87.2305, 0.3037,
0.3443

25.4820, 0.3914,
0.2527

93.0150, 0.2979,
0.3418

■ 21.8059, 0.4126,
0.2436

■ 93.6572, 0.2923,
0.3311

■ 19.1648, 0.4353,
0.2385

■ 93.7963, 0.2911,
0.3289

■ 17.4448, 0.4584,
0.2384

■ 16.4932, 0.4809,
0.2437

■ 16.3018, 0.4868,
0.2456

Harmonies

Analogous

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



52.3249, 0.3050, 0.2934



52.3249, 0.3291, 0.3060



52.3249, 0.3493, 0.3243

Triad

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



52.3249, 0.3291, 0.3060



52.3249, 0.3414, 0.3706



52.3249, 0.2682, 0.3107

Complementary

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



52.3249, 0.3291, 0.3060



64.5984, 0.2990, 0.3532

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.



52.3249, 0.2771, 0.3322



52.3249, 0.3291, 0.3060



52.3249, 0.3190, 0.3681

Square

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



52.3249, 0.3291, 0.3060



52.3249, 0.3564, 0.3615



52.3249, 0.2956, 0.3537



52.3249, 0.2705, 0.2954

Rectangle

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



52.3249, 0.3291, 0.3060



52.3249, 0.3575, 0.3378



52.3249, 0.2956, 0.3537



52.3249, 0.2699, 0.3175

Sweetspot

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



52.3272, 0.3291, 0.3060



91.7506, 0.3169, 0.3225



50.2718, 0.2983, 0.2840



19.3996, 0.3176, 0.3216



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.



52.3272, 0.3291, 0.3060



68.9372, 0.3335, 0.3007



51.4987, 0.3448, 0.3276



13.1656, 0.3210, 0.3168



9.6910, 0.4837, 0.2438



0.6452, 0.4500, 0.2252

Inverse Universe

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



52.3272, 0.3291, 0.3060



68.9372, 0.3335, 0.3007



65.5225, 0.2875, 0.3304



13.1656, 0.3210, 0.3168



9.6910, 0.4837, 0.2438



0.6452, 0.4500, 0.2252

Previews

White Background



This preview shows how the Yxy color 52.3249, 0.3291, 0.3060 looks on a white background.

Color Contrast Check

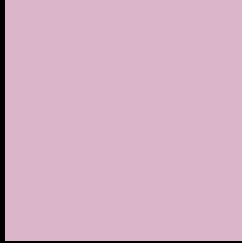
Large Text (above 18pt) WCAG AA × Fail

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 52.3249, 0.3291, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

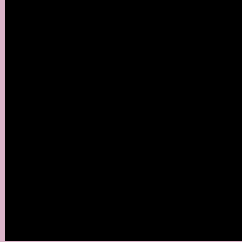
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3249, 0.3291, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 52.3249, 0.3291, 0.3060.



This preview shows how white text looks on a background with the Yxy color 52.3249, 0.3291, 0.3060.

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

52.3249, 0.3291, 0.3060

Protanopia

52.4083, 0.3009, 0.3082

Deuteranopia

52.4098, 0.3185, 0.3124



Tritanopia

52.3468, 0.3323, 0.3128

Trichromacy



Original Color

52.3249, 0.3291, 0.3060

Protanomaly

52.3659, 0.3105, 0.3075

Deuteranomaly

52.3000, 0.3228, 0.3102

Tritanomaly

52.4385, 0.3306, 0.3105

Monochromacy



Original Color

52.3249, 0.3291, 0.3060

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6955, 0.3188, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3249, 0.3291, 0.3060 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(219, 181, 201)` looks like.

```
.text, #text, p{  
    color:rgb(219, 181, 201)  
}
```

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(219, 181, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 181, 201) }
```

Border

The CSS property to change the border of an element to Yxy 52.3249, 0.3291, 0.3060 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(219, 181, 201) }
```

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

```
.border{ border-color:rgb(219, 181, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 181, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(219, 181,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3249, 0.3291, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 181, 201) }
```

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

```
.background{ background-color: rgb(219,  
181, 201) }
```

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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