

Converting Colors

$Y_{xy}(52.9279, 0.3208, 0.2957)$

Have a look what the booklet for
Yxy(52.9279, 0.3208, 0.2957)
contains.

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Color

Yxy(53.2191, 0.3209, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	DBB6D3
RGB	219, 182, 211
RGB Percent	86%, 71%, 83%
CMY	0.1413, 0.2862, 0.1724
CMYK	0.00, 0.17, 0.04, 0.14
HSL	313°, 34%, 79%
HSV	313°, 17%, 86%
XYZ	57.6960, 53.2191, 68.8792
YIQ	196.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

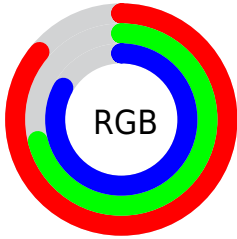
Format	Color
R _Y B	219, 182, 211
Decimal	14399187
CIE Lab	78.00, 18.17, -9.61
CIE LCh	78, 20.552, 332.116
Yxy	53.2191, 0.3209, 0.2960
Android (android.graphics.Color)	4292589267 (0xFFDDBB6D3)
YUV	196.3690, 7.2131, 19.8474
Hunter-Lab	72.9514, 13.5075, -4.9144

Details

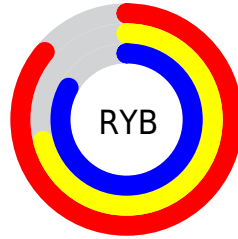
The Yxy color **53.2191, 0.3209, 0.2960** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.3113, 0.3055, 0.3644**, and the grayscale version is **55.3858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **25.9933, 0.3237, 0.2885** is the 20% darker color. If you saturate the color by 10%, you get **44.7094, 0.3268, 0.2758**, and if you desaturate by 10%, it is **63.1428, 0.3158, 0.3158**.

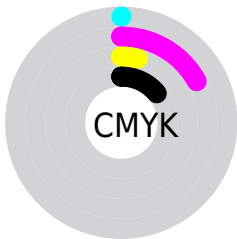
Distribution



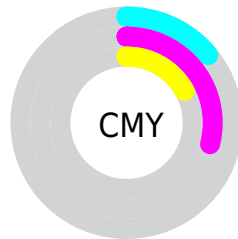
- Red (86%)
- Green (71%)
- Blue (83%)



- Red (86%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2191, 0.3209, 0.2960 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 53.2191, 0.3209, 0.2960 by changing the saturation by 10% instead.

 53.2191, 0.3209,
0.2960

 53.2191, 0.3209,
0.2960

399.1252, 0.3171,
0.3117

 37.9777, 0.3218,
0.2923

 94.9267, 0.3196,
0.3015

 25.9654, 0.3228,
0.2877


122.1617, 0.3191,
0.3037

 16.7977, 0.3242,
0.2817


154.1633, 0.3186,
0.3055

 10.0904, 0.3260,
0.2738

191.3160, 0.3182,
0.3071

 5.4589, 0.3284,
0.2626

234.0041, 0.3179,
0.3084

 2.5190, 0.3319,
0.2459

282.6121, 0.3176,

 0.8861, 0.3370,

0.3097

0.2183

337.5243, 0.3173,
0.3107

0.0000, 0.3511,
0.0000

0.0000, 0.0000,
0.0000

53.2191, 0.3209,
0.2960

53.2191, 0.3209,
0.2960

44.7094, 0.3268,
0.2758

63.1428, 0.3158,
0.3158

37.5416, 0.3334,
0.2557


74.5342, 0.3114,
0.3348

31.6480, 0.3408,
0.2367

87.4531, 0.3077,
0.3527


26.9518, 0.3488,
0.2197

92.2808, 0.3048,
0.3551


 23.3684, 0.3572,
0.2057

 92.5485, 0.3022,
0.3501


 20.8018, 0.3657,
0.1956


 92.8234, 0.2996,
0.3451

 19.1397, 0.3742,
0.1901

 93.1056, 0.2971,
0.3402

 18.2365, 0.3823,
0.1892

 93.3950, 0.2945,
0.3354

 18.0315, 0.3849,
0.1894

 93.6918, 0.2920,
0.3306

Harmonies

Analogous

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



53.2191, 0.2934, 0.2851



53.2191, 0.3209, 0.2960



53.2191, 0.3471, 0.3149

Triad

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



53.2191, 0.3209, 0.2960



53.2191, 0.3539, 0.3745



53.2191, 0.2639, 0.3167

Complementary

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



53.2191, 0.3209, 0.2960



64.3113, 0.3055, 0.3644

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.



53.2191, 0.2787, 0.3428



53.2191, 0.3209, 0.2960



53.2191, 0.3304, 0.3774

Square

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



53.2191, 0.3209, 0.2960



53.2191, 0.3666, 0.3595



53.2191, 0.3029, 0.3657



53.2191, 0.2615, 0.2957

Rectangle

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



53.2191, 0.3209, 0.2960



53.2191, 0.3599, 0.3299



53.2191, 0.3029, 0.3657



53.2191, 0.2675, 0.3252

Sweetspot

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



53.2214, 0.3209, 0.2960



91.9580, 0.3149, 0.3194



49.4445, 0.2909, 0.2843



19.4501, 0.3153, 0.3180



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.



53.2214, 0.3209, 0.2960



70.9799, 0.3227, 0.2894



52.3715, 0.3355, 0.3162



13.2244, 0.3170, 0.3108



10.7115, 0.3837, 0.1887



0.7061, 0.3715, 0.1820

Inverse Universe

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



53.2214, 0.3209, 0.2960



70.9799, 0.3227, 0.2894



65.1440, 0.2941, 0.3422



13.2244, 0.3170, 0.3108



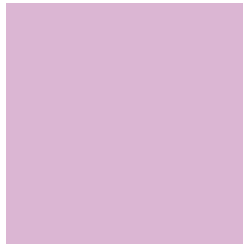
10.7115, 0.3837, 0.1887



0.7061, 0.3715, 0.1820

Previews

White Background



This preview shows how the Yxy color 53.2191, 0.3209, 0.2960 looks on a white background.

Color Contrast Check

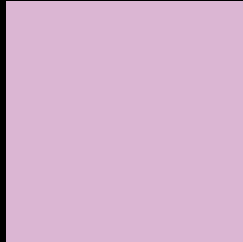
Large Text (above 18pt) WCAG AA × Fail

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 53.2191, 0.3209, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

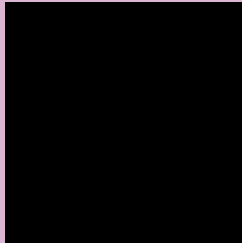
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2191, 0.3209, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 53.2191, 0.3209, 0.2960.



This preview shows how white text looks on a background with the Yxy color 53.2191, 0.3209, 0.2960.

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

53.2191, 0.3209, 0.2960

Protanopia

53.5278, 0.2923, 0.2989

Deuteranopia

53.4570, 0.3091, 0.3031



Tritanopia

53.1562, 0.3287, 0.3117

Trichromacy



Original Color

53.2191, 0.3209, 0.2960

Protanomaly

53.1521, 0.3022, 0.2971

Deuteranomaly

53.3263, 0.3132, 0.3010

Tritanomaly

53.0842, 0.3264, 0.3060

Monochromacy



Original Color

53.2191, 0.3209, 0.2960

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3160, 0.3157, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2191, 0.3209, 0.2960 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, 182, 211)` looks like.

```
.text, #text, p{  
    color:rgb(219, 182, 211)  
}
```

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, 182, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 182, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.2191, 0.3209, 0.2960 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, 182, 211) }
```

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

```
.border{ border-color:rgb(219, 182, 211) }
```

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

Here you see how a box with a 4 pixel rgb(219, 182, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 182, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 182, 211);  
box-shadow:4px 4px 4px 4px rgb(219, 182,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2191, 0.3209, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 182, 211) }
```

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

```
.background{ background-color: rgb(219,  
182, 211) }
```

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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