

Converting Colors

$Y_{xy}(49.9271, 0.3293, 0.3090)$

Have a look what the booklet for
Yxy(49.9271, 0.3293, 0.3090)
contains.

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Color

Yxy(49.9271, 0.3293, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	D5B2C3
RGB	213, 178, 195
RGB Percent	84%, 70%, 76%
CMY	0.1647, 0.3019, 0.2354
CMYK	0.00, 0.16, 0.08, 0.16
HSL	331°, 29%, 77%
HSV	331°, 16%, 84%
XYZ	53.2071, 49.9271, 58.4422
YIQ	190.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

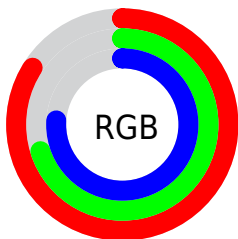
Format	Color
R _Y B	213, 178, 195
Decimal	14004931
CIE _{Lab}	76.02, 15.42, -3.87
CIE _{LCh}	76, 15.901, 345.899
Yxy	49.9271, 0.3293, 0.3090
Android (android.graphics.Color)	4292195011 (0xFFD5B2C3)
YUV	190.4030, 2.2663, 19.8176
Hunter-Lab	70.6591, 10.7591, 0.4226

Details

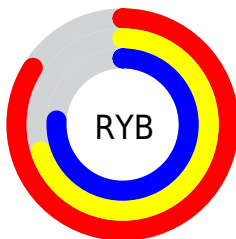
The Yxy color **49.9271, 0.3293, 0.3090** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.0400, 0.2988, 0.3499**, and the grayscale version is **51.7171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1339, 0.3155, 0.3116**, and **23.8594, 0.3342, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **41.6222, 0.3422, 0.2961**, and if you desaturate by 10%, it is **59.5889, 0.3186, 0.3214**.

Distribution



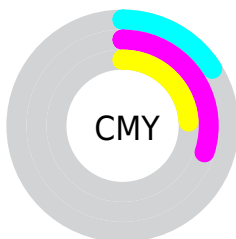
- Red (84%)
- Green (70%)
- Blue (76%)



- Red (84%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9271, 0.3293, 0.3090 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 49.9271, 0.3293, 0.3090 by changing the saturation by 10% instead.


 49.9271, 0.3293,
0.3090

 49.9271, 0.3293,
0.3090


386.3808, 0.3212,
0.3187

 35.3555, 0.3313,
0.3066


 90.0669, 0.3264,
0.3125

 23.9368, 0.3338,
0.3037

116.4038, 0.3253,
0.3138

 15.2868, 0.3371,
0.2997


147.4313, 0.3243,
0.3149

 9.0209, 0.3416,
0.2944

183.5337, 0.3235,
0.3159

 4.7548, 0.3482,
0.2867

225.0955, 0.3228,
0.3168

 2.1041, 0.3587,
0.2747

272.5010, 0.3222,

 0.6669, 0.3804,

0.3175

0.2483

326.1346, 0.3217,
0.3182

0.0000, 0.0000,
0.0000

49.9271, 0.3293,
0.3090

49.9271, 0.3293,
0.3090

41.6222, 0.3422,
0.2961

59.5889, 0.3186,
0.3214

34.6063, 0.3576,
0.2831

70.6583, 0.3097,
0.3331

28.8155, 0.3757,
0.2707

83.1917, 0.3025,
0.3440

24.1777, 0.3965,
0.2596

91.8899, 0.2963,
0.3457

20.6135, 0.4199,
0.2511

92.5581, 0.2904,
0.3342

■ 18.0329, 0.4450,
0.2465

■ 92.8855, 0.2877,
0.3289

■ 16.3312, 0.4708,
0.2468

■ 15.3756, 0.4957,
0.2525

■ 15.1295, 0.5045,
0.2553

Harmonies

Analogous

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



49.9271, 0.3073, 0.2969



49.9271, 0.3293, 0.3090



49.9271, 0.3472, 0.3261

Triad

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



49.9271, 0.3293, 0.3090



49.9271, 0.3377, 0.3673



49.9271, 0.2716, 0.3111

Complementary

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



49.9271, 0.3293, 0.3090



61.0400, 0.2988, 0.3499

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.



49.9271, 0.2792, 0.3305



49.9271, 0.3293, 0.3090



49.9271, 0.3169, 0.3640

Square

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



49.9271, 0.3293, 0.3090



49.9271, 0.3520, 0.3597



49.9271, 0.2956, 0.3503



49.9271, 0.2746, 0.2975

Rectangle

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



49.9271, 0.3293, 0.3090



49.9271, 0.3541, 0.3385



49.9271, 0.2956, 0.3503



49.9271, 0.2730, 0.3171

Sweetspot

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



49.9293, 0.3293, 0.3090



91.7172, 0.3173, 0.3231



48.3183, 0.3001, 0.2868



19.3915, 0.3180, 0.3222



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.



49.9293, 0.3293, 0.3090



70.0872, 0.3339, 0.3042



49.2055, 0.3438, 0.3291



12.5201, 0.3216, 0.3178



9.2626, 0.5012, 0.2535



0.5754, 0.4618, 0.2318

Inverse Universe

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



49.9293, 0.3293, 0.3090



70.0872, 0.3339, 0.3042



61.8565, 0.2880, 0.3289



12.5201, 0.3216, 0.3178



9.2626, 0.5012, 0.2535



0.5754, 0.4618, 0.2318

Previews

White Background



This preview shows how the Yxy color 49.9271, 0.3293, 0.3090 looks on a white background.

Color Contrast Check

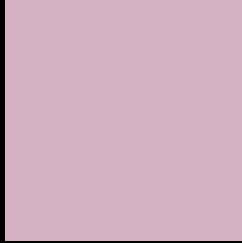
Large Text (above 18pt) WCAG AA × Fail

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 49.9271, 0.3293, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

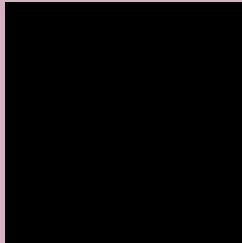
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9271, 0.3293, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 49.9271, 0.3293, 0.3090.



This preview shows how white text looks on a background with the Yxy color 49.9271, 0.3293, 0.3090.

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

49.9271, 0.3293, 0.3090

Protanopia

49.8527, 0.3029, 0.3115

Deuteranopia

50.0474, 0.3210, 0.3145



Tritanopia

49.7927, 0.3318, 0.3125

Trichromacy



Original Color

49.9271, 0.3293, 0.3090

Protanomaly

49.6800, 0.3119, 0.3106

Deuteranomaly

50.2082, 0.3246, 0.3134

Tritanomaly

49.8372, 0.3310, 0.3113

Monochromacy



Original Color

49.9271, 0.3293, 0.3090

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.9293, 0.3181, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9271, 0.3293, 0.3090 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(213, 178, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 178, 195)  
}
```

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(213, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 178, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.9271, 0.3293, 0.3090 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(213, 178, 195) }
```

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

```
.border{ border-color:rgb(213, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 178,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9271, 0.3293, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 178, 195) }
```

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

```
.background{ background-color: rgb(213,  
178, 195) }
```

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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