

Converting Colors

Yxy(51.8130, 0.3287, 0.3097)

Have a look what the booklet for
Yxy(51.8130, 0.3287, 0.3097)
contains.

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Color

Yxy(51.7239, 0.3290, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	D8B5C6
RGB	216, 181, 198
RGB Percent	85%, 71%, 78%
CMY	0.1530, 0.2902, 0.2234
CMYK	0.00, 0.16, 0.08, 0.15
HSL	331°, 31%, 78%
HSV	331°, 16%, 85%
XYZ	55.0361, 51.7239, 60.5230
YIQ	193.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

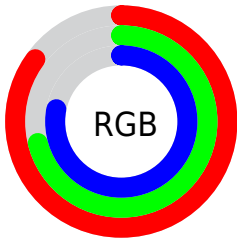
Format	Color
R _Y B	216, 181, 198
Decimal	14202310
CIE Lab	77.12, 15.39, -3.90
CIE LCh	77, 15.874, 345.779
Yxy	51.7239, 0.3290, 0.3092
Android (android.graphics.Color)	4292392390 (0xFFD8B5C6)
YUV	193.4030, 2.2663, 19.8176
Hunter-Lab	71.9193, 10.7379, 0.4486

Details

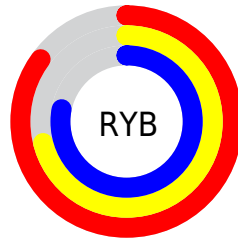
The Yxy color **51.7239, 0.3290, 0.3092** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0547, 0.2990, 0.3497**, and the grayscale version is **53.5590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **25.0290, 0.3338, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **43.1190, 0.3418, 0.2963**, and if you desaturate by 10%, it is **61.7326, 0.3184, 0.3216**.

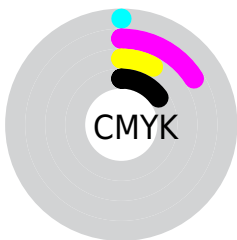
Distribution



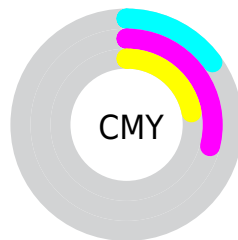
- Red (85%)
- Green (71%)
- Blue (78%)



- Red (85%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (15%)




- Cyan (15%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7239, 0.3290, 0.3092 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 51.7239, 0.3290, 0.3092 by changing the saturation by 10% instead.


 51.7239, 0.3290,
0.3092

 51.7239, 0.3290,
0.3092


393.3698, 0.3211,
0.3188

 36.7850, 0.3309,
0.3069


 92.7239, 0.3262,
0.3126

 25.0411, 0.3334,
0.3040


119.5539, 0.3251,
0.3139

 16.1077, 0.3365,
0.3002


151.1163, 0.3242,
0.3150

 9.6004, 0.3409,
0.2951

187.7957, 0.3234,
0.3160

 5.1348, 0.3471,
0.2877

229.9763, 0.3227,
0.3168

 2.3266, 0.3570,
0.2763

278.0426, 0.3221,

 0.7877, 0.3751,

0.3176

0.2553

332.3790, 0.3216,
0.3182

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7239, 0.3290,
0.3092

51.7239, 0.3290,
0.3092

43.1190, 0.3418,
0.2963

61.7326, 0.3184,
0.3216

35.8477, 0.3571,
0.2832

73.1974, 0.3096,
0.3334

29.8439, 0.3751,
0.2707

86.1765, 0.3023,
0.3443

25.0334, 0.3958,
0.2595

92.5524, 0.2962,
0.3419

■ 21.3340, 0.4191,
0.2510

■ 93.2408, 0.2902,
0.3305

■ 18.6528, 0.4441,
0.2462

■ 93.3378, 0.2894,
0.3289

■ 16.8820, 0.4698,
0.2464

■ 15.8863, 0.4946,
0.2520

■ 15.6191, 0.5039,
0.2550

Harmonies

Analogous

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



51.7239, 0.3073, 0.2973



51.7239, 0.3290, 0.3092



51.7239, 0.3467, 0.3261

Triad

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



51.7239, 0.3290, 0.3092



51.7239, 0.3374, 0.3667



51.7239, 0.2722, 0.3114

Complementary

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



51.7239, 0.3290, 0.3092



63.0547, 0.2990, 0.3497

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.



51.7239, 0.2797, 0.3306



51.7239, 0.3290, 0.3092



51.7239, 0.3170, 0.3635

Square

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



51.7239, 0.3290, 0.3092



51.7239, 0.3515, 0.3593



51.7239, 0.2959, 0.3501



51.7239, 0.2750, 0.2980

Rectangle

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



51.7239, 0.3290, 0.3092



51.7239, 0.3535, 0.3383



51.7239, 0.2959, 0.3501



51.7239, 0.2736, 0.3174

Sweetspot

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



51.7262, 0.3290, 0.3092



91.7186, 0.3173, 0.3230



50.0812, 0.3003, 0.2873



19.3918, 0.3179, 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.



51.7262, 0.3290, 0.3092



71.3877, 0.3326, 0.3054



50.9843, 0.3433, 0.3291



12.5205, 0.3216, 0.3177



9.2673, 0.5004, 0.2530



0.5757, 0.4612, 0.2315

Inverse Universe

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



51.7262, 0.3290, 0.3092



71.3877, 0.3326, 0.3054



63.8899, 0.2883, 0.3289



12.5205, 0.3216, 0.3177



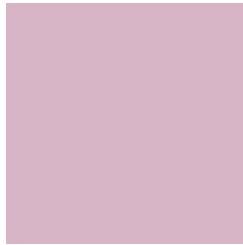
9.2673, 0.5004, 0.2530



0.5757, 0.4612, 0.2315

Previews

White Background



This preview shows how the Yxy color 51.7239, 0.3290, 0.3092 looks on a white background.

Color Contrast Check

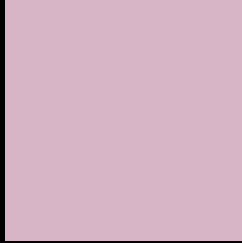
Large Text (above 18pt) WCAG AA × Fail

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 51.7239, 0.3290, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

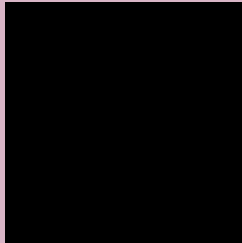
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7239, 0.3290, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 51.7239, 0.3290, 0.3092.



This preview shows how white text looks on a background with the Yxy color 51.7239, 0.3290, 0.3092.

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

51.7239, 0.3290, 0.3092

Protanopia

51.6541, 0.3030, 0.3118

Deuteranopia

51.8510, 0.3209, 0.3147



Tritanopia

51.6322, 0.3307, 0.3115

Trichromacy



Original Color

51.7239, 0.3290, 0.3092

Protanomaly

51.4770, 0.3119, 0.3108

Deuteranomaly

52.0138, 0.3244, 0.3136

Tritanomaly

51.6779, 0.3299, 0.3104

Monochromacy



Original Color

51.7239, 0.3290, 0.3092

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7528, 0.3180, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7239, 0.3290, 0.3092 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(216, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 198)  
}
```

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(216, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 198) }
```

Border

The CSS property to change the border of an element to Yxy 51.7239, 0.3290, 0.3092 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(216, 181, 198) }
```

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

```
.border{ border-color:rgb(216, 181, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 181, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 181, 198);  
box-shadow:4px 4px 4px 4px rgb(216, 181,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7239, 0.3290, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 198) }
```

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

```
.background{ background-color: rgb(216,  
181, 198) }
```

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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