

Converting Colors

$Yxy(18.2690, 0.4244, 0.2383)$

Have a look what the booklet for
Yxy(18.2690, 0.4244, 0.2383)
contains.

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Color

Yxy(18.2690, 0.4244, 0.2383)

Conversions

Conversions Part 1

Format	Color
Hex	D2378A
RGB	210, 55, 138
RGB Percent	82%, 22%, 54%
CMY	0.1764, 0.7844, 0.4588
CMYK	0.00, 0.74, 0.34, 0.18
HSL	328°, 63%, 52%
HSV	328°, 74%, 82%
XYZ	32.5361, 18.2690, 25.8587
YIQ	110.8070, 65.7370, 58.6730

Conversions

Conversions Part 2

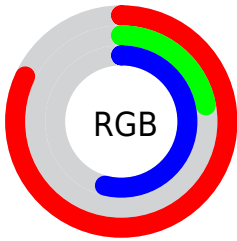
Format	Color
R_{YB}	210, 55, 138
Decimal	13776778
CIE _{Lab}	49.82, 66.06, -10.37
CIE _{LCh}	50, 66.866, 351.078
Yxy	18.2690, 0.4244, 0.2383
Android (android.graphics.Color)	4291966858 (0xFFD2378A)
YUV	110.8070, 13.4061, 86.9923
Hunter-Lab	42.7423, 61.0784, -5.9504

Details

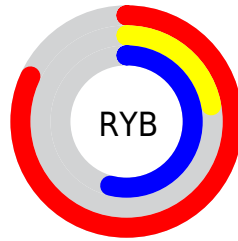
The Yxy color **18.2690, 0.4244, 0.2383** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **48.4458, 0.2715, 0.4621**, and the grayscale version is **15.7818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2831, 0.3848, 0.2527**, and **7.2839, 0.4584, 0.2299** is the 20% darker color. If you saturate the color by 10%, you get **16.4123, 0.4469, 0.2361**, and if you desaturate by 10%, it is **21.0013, 0.4027, 0.2452**.

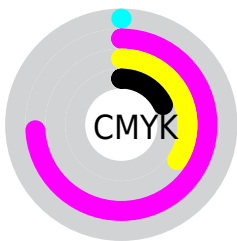
Distribution



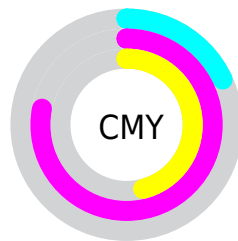
- Red (82%)
- Green (22%)
- Blue (54%)



- Red (82%)
- Yellow (22%)
- Blue (54%)



- Cyan (0%)
- Magenta (74%)
- Yellow (34%)
- Black (18%)





- Cyan (18%)
- Magenta (78%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2690, 0.4244, 0.2383 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 18.2690, 0.4244, 0.2383 by changing the saturation by 10% instead.


 18.2690, 0.4244,
0.2383


 18.2690, 0.4244,
0.2383


242.3829, 0.3620,
0.2874


 11.1433, 0.4424,
0.2248


 40.4952, 0.4000,
0.2571


 6.1633, 0.4671,
0.2068


 56.3644, 0.3913,
0.2638

 2.9446, 0.5029,
0.1818

 75.9169, 0.3843,
0.2694

 1.1029, 0.5585,
0.1452

 99.5372, 0.3783,
0.2742

 0.0000, 0.7234,
0.0000

 127.6095, 0.3733,
0.2782

 0.0000, 1.0000,
0.0000

160.5183, 0.3690,

 0.0000, 0.0000,

0.2817

0.0000

198.6480, 0.3653,
0.2847

■ 18.2690, 0.4244,
0.2383

■ 18.2690, 0.4244,
0.2383

■ 16.4123, 0.4469,
0.2361

■ 21.0013, 0.4027,
0.2452

■ 15.3114, 0.4691,
0.2392

■ 24.7027, 0.3827,
0.2556

■ 14.8846, 0.4826,
0.2432

■ 29.4579, 0.3649,
0.2683

■ 35.3413, 0.3494,
0.2822

■ 42.4207, 0.3362,
0.2965

■ 50.7585, 0.3251,
0.3106

■ 60.4125, 0.3158,
0.3241

■ 71.4371, 0.3081,
0.3367

■ 83.8837, 0.3018,
0.3485

Harmonies

Analogous

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



18.2690, 0.2930, 0.1860



18.2690, 0.4244, 0.2383



18.2690, 0.5296, 0.3069

Triad

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



18.2690, 0.4244, 0.2383



18.2690, 0.3986, 0.5470



18.2690, 0.1184, 0.2014

Complementary

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



18.2690, 0.4244, 0.2383



48.4458, 0.2715, 0.4621

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.



18.2690, 0.1331, 0.2951



18.2690, 0.4244, 0.2383



18.2690, 0.2892, 0.5588

Square

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



18.2690, 0.4244, 0.2383



18.2690, 0.4951, 0.4677



18.2690, 0.1911, 0.4453



18.2690, 0.1379, 0.1623

Rectangle

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



18.2690, 0.4244, 0.2383



18.2690, 0.5538, 0.3568



18.2690, 0.1911, 0.4453



18.2690, 0.1192, 0.2255

Sweetspot

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



18.2700, 0.4244, 0.2383



67.7148, 0.3343, 0.2988



11.7256, 0.2249, 0.1231



13.7905, 0.3376, 0.2949



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.



18.2700, 0.4244, 0.2383



24.2816, 0.4607, 0.2374



16.7907, 0.5544, 0.3228



11.9126, 0.3208, 0.3166



9.0982, 0.4796, 0.2415



0.5247, 0.4426, 0.2212

Inverse Universe

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



18.2700, 0.4244, 0.2383



24.2816, 0.4607, 0.2374



51.1906, 0.2346, 0.3400



11.9126, 0.3208, 0.3166



9.0982, 0.4796, 0.2415



0.5247, 0.4426, 0.2212

Previews

White Background



This preview shows how the Yxy color 18.2690, 0.4244, 0.2383 looks on a white background.

Color Contrast Check

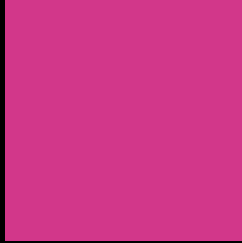
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.2690, 0.4244, 0.2383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

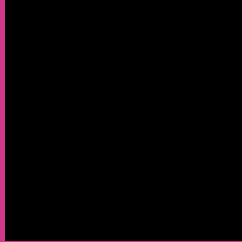
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.2690, 0.4244, 0.2383

Background



This preview shows how black text looks on a background with the Yxy color 18.2690, 0.4244, 0.2383.



This preview shows how white text looks on a background with the Yxy color 18.2690, 0.4244, 0.2383.

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

18.2690, 0.4244, 0.2383

Protanopia

18.6002, 0.2323, 0.2201

Deuteranopia

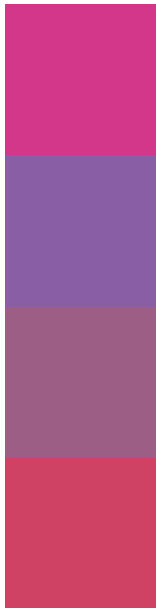
18.5381, 0.3089, 0.3033



Tritanopia

18.2924, 0.5160, 0.3242

Trichromacy



Original Color

18.2690, 0.4244, 0.2383

Protanomaly

16.1253, 0.2837, 0.2150

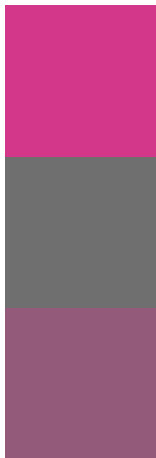
Deuteranomaly

16.8670, 0.3499, 0.2665

Tritanomaly

18.0627, 0.4851, 0.2927

Monochromacy



Original Color

18.2690, 0.4244, 0.2383

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.0657, 0.3542, 0.2776

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2690, 0.4244, 0.2383 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(210, 55, 138)` looks like.

```
.text, #text, p{  
    color:rgb(210, 55, 138)  
}
```

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(210, 55, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 55, 138) }
```

Border

The CSS property to change the border of an element to Yxy 18.2690, 0.4244, 0.2383 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(210, 55, 138) }
```

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

```
.border{ border-color:rgb(210, 55, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 55, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 55, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 55, 138);  
box-shadow:4px 4px 4px 4px rgb(210, 55,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2690, 0.4244, 0.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 55, 138) }
```

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

```
.background{ background-color: rgb(210, 55,  
138) }
```

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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