

Converting Colors

$Y_{xy}(26.4030, 0.3204, 0.1893)$

Have a look what the booklet for
Yxy(26.4030, 0.3204, 0.1893)
contains.

Yxy(26.4122, 0.3204, 0.1894)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4122, 0.3204, 0.1894)

Conversions

Conversions Part 1

Format	Color
Hex	DA55D9
RGB	218, 85, 217
RGB Percent	85%, 33%, 85%
CMY	0.1451, 0.6666, 0.1492
CMYK	0.00, 0.61, 0.00, 0.15
HSL	300°, 64%, 59%
HSV	300°, 61%, 85%
XYZ	44.6804, 26.4122, 68.3593
YIQ	139.8150, 36.8960, 69.2480

Conversions

Conversions Part 2

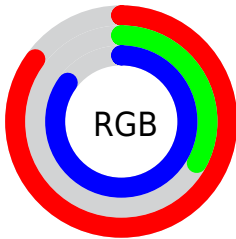
Format	Color
R _{YB}	218, 85, 217
Decimal	14308825
CIE _{Lab}	58.43, 67.97, -42.93
CIE _{LCh}	58, 80.394, 327.721
Y _{xy}	26.4122, 0.3204, 0.1894
Android (android.graphics.Color)	4292498905 (0xFFDA55D9)
YUV	139.8150, 38.0522, 68.5682
Hunter-Lab	51.3928, 65.2488, -42.8887

Details

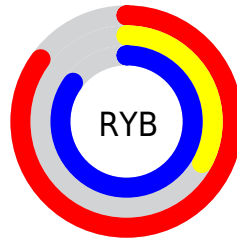
The Yxy color **26.4122, 0.3204, 0.1894** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **52.7457, 0.3031, 0.5241**, and the grayscale version is **25.9926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8260, 0.3178, 0.2204**, and **10.3701, 0.3178, 0.1557** is the 20% darker color. If you saturate the color by 10%, you get **23.4836, 0.3213, 0.1747**, and if you desaturate by 10%, it is **30.4002, 0.3193, 0.2079**.

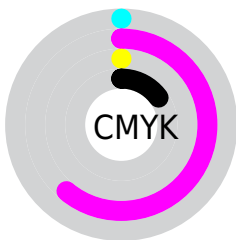
Distribution



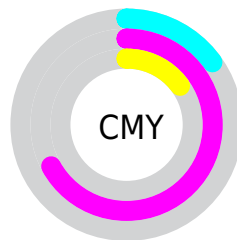
- Red (85%)
- Green (33%)
- Blue (85%)



- Red (85%)
- Yellow (33%)
- Blue (85%)



- Cyan (0%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (67%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4122, 0.3204, 0.1894 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 26.4122, 0.3204, 0.1894 by changing the saturation by 10% instead.

 26.4122, 0.3204,
0.1894


 26.4122, 0.3204,
0.1894


284.7997, 0.3197,
0.2555


 17.1323, 0.3196,
0.1744


 53.9392, 0.3209,
0.2124


 10.3288, 0.3181,
0.1560


 72.9550, 0.3208,
0.2214

 5.6175, 0.3152,
0.1333


 95.9849, 0.3207,
0.2291

 2.6139, 0.3095,
0.1051

 123.4134, 0.3205,
0.2358

 0.9337, 0.2982,
0.0704

155.6246, 0.3203,
0.2416

 0.0000, 0.2832,
0.0000

193.0032, 0.3201,

 0.0000, 0.2006,

0.2468


0.0000


235.9334, 0.3199,
0.2514


 0.0000, 0.0000,
0.0000


 26.4122, 0.3204,
0.1894


 26.4122, 0.3204,
0.1894


 23.4836, 0.3213,
0.1747

 30.4002, 0.3193,
0.2079


 21.5101, 0.3221,
0.1642


 35.5320, 0.3181,
0.2294

 20.3730, 0.3226,
0.1579

 41.8874, 0.3168,
0.2529

 19.8777, 0.3229,
0.1552

 49.5383, 0.3154,
0.2775

 58.5509, 0.3141,
0.3023

■ 68.9869, 0.3128,
0.3266

■ 80.9043, 0.3116,
0.3499

■ 91.5033, 0.3107,
0.3675

■ 91.5122, 0.3106,
0.3673

Harmonies

Analogous

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



26.4122, 0.2063, 0.1559



26.4122, 0.3204, 0.1894



26.4122, 0.4610, 0.2481

Triad

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



26.4122, 0.3204, 0.1894



26.4122, 0.4809, 0.4911



26.4122, 0.1181, 0.2636

Complementary

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



26.4122, 0.3204, 0.1894



52.7457, 0.3031, 0.5241

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.



26.4122, 0.1661, 0.4150



26.4122, 0.3204, 0.1894



26.4122, 0.3741, 0.5709

Square

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



26.4122, 0.3204, 0.1894



26.4122, 0.5545, 0.4002



26.4122, 0.2605, 0.5599



26.4122, 0.1120, 0.1813

Rectangle

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



26.4122, 0.3204, 0.1894



26.4122, 0.5339, 0.2955



26.4122, 0.2605, 0.5599



26.4122, 0.1287, 0.3070

Sweetspot

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



26.4134, 0.3204, 0.1894



74.1070, 0.3151, 0.2845



13.4955, 0.1945, 0.1336



15.0993, 0.3155, 0.2772



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.



26.4134, 0.3204, 0.1894



32.6246, 0.3215, 0.1715



23.6569, 0.4041, 0.2530



13.2730, 0.3139, 0.3061



11.9103, 0.3229, 0.1552



0.7722, 0.3225, 0.1550

Inverse Universe

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



26.4134, 0.3204, 0.1894



32.6246, 0.3215, 0.1715



54.3237, 0.2714, 0.4280



13.2730, 0.3139, 0.3061



11.9103, 0.3229, 0.1552



0.7722, 0.3225, 0.1550

Previews

White Background



This preview shows how the Yxy color 26.4122, 0.3204, 0.1894 looks on a white background.

Color Contrast Check

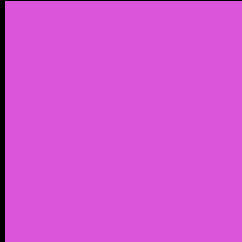
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4122, 0.3204, 0.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

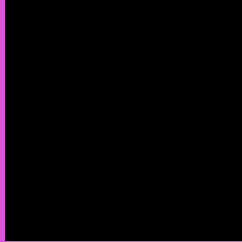
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4122, 0.3204, 0.1894

Background



This preview shows how black text looks on a background with the Yxy color 26.4122, 0.3204, 0.1894.



This preview shows how white text looks on a background with the Yxy color 26.4122, 0.3204, 0.1894.

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

26.4122, 0.3204, 0.1894

Protanopia

26.9503, 0.1963, 0.1731

Deuteranopia

26.7550, 0.2334, 0.2275



Tritanopia

26.2342, 0.4239, 0.3179

Trichromacy



Original Color

26.4122, 0.3204, 0.1894



Protanomaly

24.2133, 0.2240, 0.1702



Deuteranomaly

24.7154, 0.2588, 0.2048



Tritanomaly

25.7519, 0.3846, 0.2633

Monochromacy



Original Color

26.4122, 0.3204, 0.1894



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.5849, 0.3160, 0.2595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4122, 0.3204, 0.1894 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(218, 85, 217)` looks like.

```
.text, #text, p{  
    color:rgb(218, 85, 217)  
}
```

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(218, 85, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 85, 217) }
```

Border

The CSS property to change the border of an element to Yxy 26.4122, 0.3204, 0.1894 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(218, 85, 217) }
```

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

```
.border{ border-color:rgb(218, 85, 217) }
```

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

Here you see how a box with a 4 pixel rgb(218, 85, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 85, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 85, 217);  
box-shadow:4px 4px 4px 4px rgb(218, 85,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4122, 0.3204, 0.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 85, 217) }
```

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

```
.background{ background-color: rgb(218, 85,  
217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor