

Converting Colors

$Yxy(26.3200, 0.3974, 0.2936)$

Have a look what the booklet for
Yxy(26.3200, 0.3974, 0.2936)
contains.

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Color

Yxy(26.2121, 0.3976, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	CD6F8B
RGB	205, 111, 139
RGB Percent	80%, 44%, 55%
CMY	0.1961, 0.5647, 0.4550
CMYK	0.00, 0.46, 0.32, 0.20
HSL	342°, 48%, 62%
HSV	342°, 46%, 80%
XYZ	35.5212, 26.2121, 27.6058
YIQ	142.2980, 47.0360, 28.6360

Conversions

Conversions Part 2

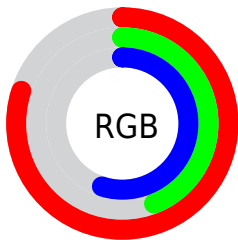
Format	Color
R_{YB}	205, 111, 139
Decimal	13463435
CIE _{Lab}	58.24, 40.16, 1.41
CIE _{LCh}	58, 40.187, 2.015
Yxy	26.2121, 0.3976, 0.2934
Android (android.graphics.Color)	4291653515 (0xFFCD6F8B)
YUV	142.2980, -1.6259, 54.9897
Hunter-Lab	51.1978, 34.2481, 3.8693

Details

The Yxy color **26.2121, 0.3976, 0.2934** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **50.2202, 0.2672, 0.3694**, and the grayscale version is **27.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9760, 0.3718, 0.3010**, and **10.2489, 0.4284, 0.2809** is the 20% darker color. If you saturate the color by 10%, you get **21.8476, 0.4274, 0.2869**, and if you desaturate by 10%, it is **31.6611, 0.3722, 0.3011**.

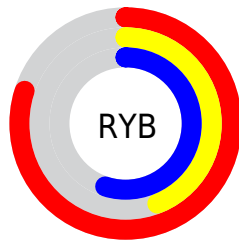
Distribution



Red (80%)

Green (44%)

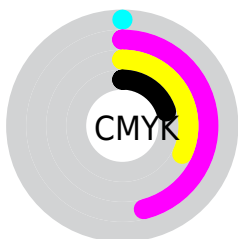
Blue (55%)



Red (80%)

Yellow (44%)

Blue (55%)

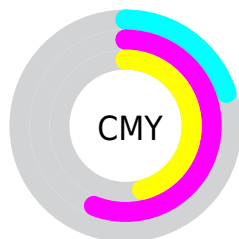


Cyan (0%)

Magenta (46%)

Yellow (32%)

Black (20%)



Cyan (20%)


Magenta (56%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2121, 0.3976, 0.2934 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 26.2121, 0.3976, 0.2934 by changing the saturation by 10% instead.


 26.2121, 0.3976,
0.2934

 26.2121, 0.3976,
0.2934


283.8217, 0.3511,
0.3131


 16.9824, 0.4107,
0.2878


 53.6169, 0.3797,
0.3010


 10.2219, 0.4284,
0.2802


 72.5608, 0.3733,
0.3038

 5.5464, 0.4538,
0.2691

 95.5115, 0.3680,
0.3060

 2.5713, 0.4930,
0.2519

 122.8535, 0.3635,
0.3079

 0.9122, 0.5602,
0.2221

154.9711, 0.3597,
0.3095

 0.0000, 1.0000,
0.0000

192.2488, 0.3565,

 0.0000, 0.0000,

0.3108

0.0000

235.0708, 0.3536,
0.3120

■ 26.2121, 0.3976,
0.2934

■ 26.2121, 0.3976,
0.2934

■ 21.8476, 0.4274,
0.2869

■ 31.6611, 0.3722,
0.3011

■ 18.4905, 0.4612,
0.2824

■ 38.2573, 0.3512,
0.3092

■ 16.0594, 0.4976,
0.2814


■ 46.0630, 0.3339,
0.3171

■ 14.4586, 0.5338,
0.2846

■ 55.1349, 0.3197,
0.3248


■ 13.5694, 0.5665,
0.2925


■ 65.5262, 0.3082,
0.3319

 13.3168, 0.5788,
0.2962

 77.2870, 0.2989,
0.3384

 90.4647, 0.2912,
0.3444

 91.6668, 0.2837,
0.3298

 91.7198, 0.2833,
0.3289

Harmonies

Analogous

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



26.2121, 0.3301, 0.2533



26.2121, 0.3976, 0.2934



26.2121, 0.4412, 0.3427

Triad

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



26.2121, 0.3976, 0.2934



26.2121, 0.3509, 0.4539



26.2121, 0.1951, 0.2462

Complementary

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



26.2121, 0.3976, 0.2934



50.2202, 0.2672, 0.3694

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.



26.2121, 0.1991, 0.2936



26.2121, 0.3976, 0.2934



26.2121, 0.2851, 0.4268

Square

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



26.2121, 0.3976, 0.2934



26.2121, 0.4096, 0.4367



26.2121, 0.2302, 0.3622



26.2121, 0.2173, 0.2256

Rectangle

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



26.2121, 0.3976, 0.2934



26.2121, 0.4480, 0.3770



26.2121, 0.2302, 0.3622



26.2121, 0.1934, 0.2590

Sweetspot

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



26.2134, 0.3976, 0.2934



77.7887, 0.3313, 0.3185



25.1023, 0.2883, 0.2080



15.9986, 0.3347, 0.3167



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.



26.2134, 0.3976, 0.2934



35.8815, 0.4269, 0.2869



30.0411, 0.4236, 0.3535



11.2677, 0.3244, 0.3221



8.3045, 0.5751, 0.2942



0.4419, 0.5183, 0.2629

Inverse Universe

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



26.2134, 0.3976, 0.2934



35.8815, 0.4269, 0.2869



42.9920, 0.2471, 0.3020



11.2677, 0.3244, 0.3221



8.3045, 0.5751, 0.2942



0.4419, 0.5183, 0.2629

Previews

White Background



This preview shows how the Yxy color 26.2121, 0.3976, 0.2934 looks on a white background.

Color Contrast Check

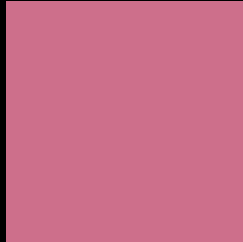
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2121, 0.3976, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

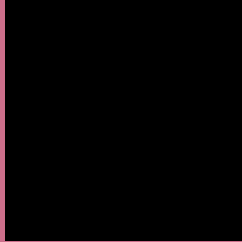
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2121, 0.3976, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 26.2121, 0.3976, 0.2934.



This preview shows how white text looks on a background with the Yxy color 26.2121, 0.3976, 0.2934.

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

26.2121, 0.3976, 0.2934

Protanopia

26.2688, 0.2951, 0.3014

Deuteranopia

26.4255, 0.3364, 0.3307



Tritanopia

26.2771, 0.4180, 0.3190

Trichromacy



Original Color

26.2121, 0.3976, 0.2934

Protanomaly

25.5839, 0.3280, 0.2970

Deuteranomaly

25.9550, 0.3588, 0.3158

Tritanomaly

26.2061, 0.4104, 0.3099

Monochromacy



Original Color

26.2121, 0.3976, 0.2934

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1550, 0.3412, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2121, 0.3976, 0.2934 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(205, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(205, 111, 139)  
}
```

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(205, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 111, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.2121, 0.3976, 0.2934 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(205, 111, 139) }
```

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

```
.border{ border-color:rgb(205, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(205, 111,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2121, 0.3976, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 111, 139) }
```

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

```
.background{ background-color: rgb(205,  
111, 139) }
```

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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