

Converting Colors

$Y_{xy}(26.2151, 0.3983, 0.2929)$

Have a look what the booklet for
Yxy(26.2151, 0.3983, 0.2929)
contains.

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Color

Yxy(26.3548, 0.3987, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	CE6F8B
RGB	206, 111, 139
RGB Percent	81%, 44%, 55%
CMY	0.1923, 0.5646, 0.4550
CMYK	0.00, 0.46, 0.33, 0.19
HSL	342°, 49%, 62%
HSV	342°, 46%, 81%
XYZ	35.7890, 26.3548, 27.6205
YIQ	142.5970, 47.6320, 28.8480

Conversions

Conversions Part 2

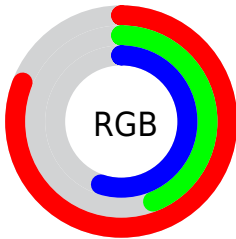
Format	Color
R_{YB}	206, 111, 139
Decimal	13528971
CIE _{Lab}	58.37, 40.49, 1.62
CIE _{LCh}	58, 40.518, 2.295
Yxy	26.3548, 0.3987, 0.2936
Android (android.graphics.Color)	4291719051 (0xFFCE6F8B)
YUV	142.5970, -1.7733, 55.6044
Hunter-Lab	51.3369, 34.5999, 4.0364

Details

The Yxy color **26.3548, 0.3987, 0.2936** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **50.7199, 0.2669, 0.3692**, and the grayscale version is **27.2945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9760, 0.3718, 0.3010**, and **10.3425, 0.4301, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **21.9693, 0.4288, 0.2872**, and if you desaturate by 10%, it is **31.8356, 0.3731, 0.3012**.

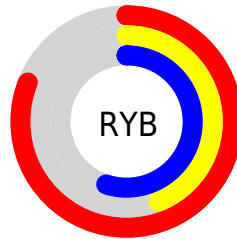
Distribution



Red (81%)

Green (44%)

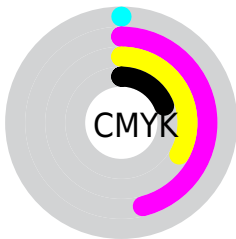
Blue (55%)



Red (81%)

Yellow (44%)

Blue (55%)

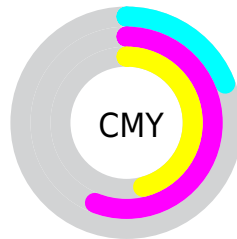


Cyan (0%)

Magenta (46%)

Yellow (33%)

Black (19%)



Cyan (19%)


Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3548, 0.3987, 0.2936 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 26.3548, 0.3987, 0.2936 by changing the saturation by 10% instead.


 26.3548, 0.3987,
0.2936


 26.3548, 0.3987,
0.2936


284.5194, 0.3517,
0.3132


 17.0893, 0.4119,
0.2880

 53.8468, 0.3806,
0.3012


 10.2982, 0.4299,
0.2804


 72.8420, 0.3741,
0.3039

 5.5971, 0.4555,
0.2694

 95.8492, 0.3687,
0.3061

 2.6017, 0.4950,
0.2523

 123.2529, 0.3642,
0.3080

 0.9275, 0.5625,
0.2226

155.4373, 0.3604,
0.3096

 0.0000, 1.0000,
0.0000

192.7870, 0.3571,

 0.0000, 0.0000,

0.3109

0.0000

235.6862, 0.3542,
0.3121

■ 26.3548, 0.3987,
0.2936

■ 26.3548, 0.3987,
0.2936

■ 21.9693, 0.4288,
0.2872

■ 31.8356, 0.3731,
0.3012

■ 18.6008, 0.4629,
0.2829

■ 38.4751, 0.3518,
0.3092

■ 16.1667, 0.4995,
0.2820


■ 46.3366, 0.3343,
0.3171


■ 14.5697, 0.5358,
0.2854

■ 55.4776, 0.3201,
0.3246

■ 13.6881, 0.5684,
0.2934

■ 65.9520, 0.3085,
0.3317

 13.4492, 0.5800,
0.2969

 77.8105, 0.2990,
0.3382

 90.9694, 0.2913,
0.3439

 91.8561, 0.2838,
0.3289

Harmonies

Analogous

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



26.3548, 0.3308, 0.2532



26.3548, 0.3987, 0.2936



26.3548, 0.4423, 0.3432

Triad

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



26.3548, 0.3987, 0.2936



26.3548, 0.3504, 0.4547



26.3548, 0.1945, 0.2454

Complementary

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



26.3548, 0.3987, 0.2936



50.7199, 0.2669, 0.3692

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.



26.3548, 0.1983, 0.2928



26.3548, 0.3987, 0.2936



26.3548, 0.2843, 0.4270

Square

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



26.3548, 0.3987, 0.2936



26.3548, 0.4097, 0.4376



26.3548, 0.2293, 0.3617



26.3548, 0.2171, 0.2250

Rectangle

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



26.3548, 0.3987, 0.2936



26.3548, 0.4488, 0.3777



26.3548, 0.2293, 0.3617



26.3548, 0.1928, 0.2582

Sweetspot

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



26.3561, 0.3987, 0.2936



77.7823, 0.3314, 0.3186



25.2345, 0.2882, 0.2074



15.9970, 0.3348, 0.3169



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.



26.3561, 0.3987, 0.2936



35.8664, 0.4275, 0.2874



30.2350, 0.4245, 0.3536



11.2671, 0.3245, 0.3222



8.3001, 0.5762, 0.2948



0.4416, 0.5194, 0.2635

Inverse Universe

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



26.3561, 0.3987, 0.2936



35.8664, 0.4275, 0.2874



43.3660, 0.2468, 0.3018



11.2671, 0.3245, 0.3222



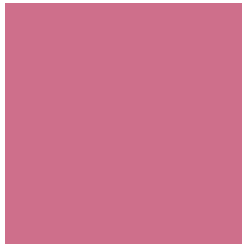
8.3001, 0.5762, 0.2948



0.4416, 0.5194, 0.2635

Previews

White Background



This preview shows how the Yxy color 26.3548, 0.3987, 0.2936 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 26.3548, 0.3987, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

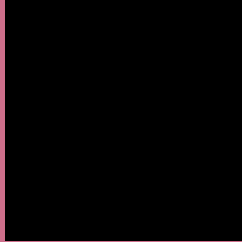
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3548, 0.3987, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 26.3548, 0.3987, 0.2936.



This preview shows how white text looks on a background with the Yxy color 26.3548, 0.3987, 0.2936.

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

26.3548, 0.3987, 0.2936

Protanopia

26.6454, 0.2961, 0.3031

Deuteranopia

26.5257, 0.3376, 0.3307



Tritanopia

26.2771, 0.4180, 0.3190

Trichromacy



Original Color

26.3548, 0.3987, 0.2936

Protanomaly

25.6891, 0.3292, 0.2971

Deuteranomaly

26.0703, 0.3600, 0.3158

Tritanomaly

26.3479, 0.4116, 0.3100

Monochromacy



Original Color

26.3548, 0.3987, 0.2936

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.2926, 0.3413, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3548, 0.3987, 0.2936 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(206, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 111, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.3548, 0.3987, 0.2936 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(206, 111, 139) }
```

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

```
.border{ border-color:rgb(206, 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(206, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(206, 111,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3548, 0.3987, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 111, 139) }
```

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

```
.background{ background-color: rgb(206,  
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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