

Converting Colors

$Y_{xy}(25.4169, 0.3831, 0.2959)$

Have a look what the booklet for
Yxy(25.4169, 0.3831, 0.2959)
contains.

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Color

Yxy(25.3680, 0.3834, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	C2728B
RGB	194, 114, 139
RGB Percent	76%, 45%, 55%
CMY	0.2392, 0.5529, 0.4549
CMYK	0.00, 0.41, 0.28, 0.24
HSL	341°, 40%, 60%
HSV	341°, 41%, 76%
XYZ	32.9252, 25.3680, 27.5836
YIQ	140.7700, 39.6550, 24.7350

Conversions

Conversions Part 2

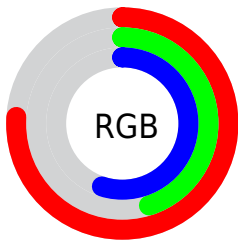
Format	Color
RYB	194, 114, 139
Decimal	12743307
CIELab	57.43, 34.64, 0.06
CIElCh	57, 34.638, 0.096
Yxy	25.3680, 0.3834, 0.2954
Android (android.graphics.Color)	4290933387 (0xFFC2728B)
YUV	140.7700, -0.8726, 46.6827
Hunter-Lab	50.3667, 28.5455, 2.7861

Details

The Yxy color **25.3680, 0.3834, 0.2954** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.0268, 0.2717, 0.3664**, and the grayscale version is **26.5337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1387, 0.3686, 0.3028**, and **9.7913, 0.4091, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **21.0804, 0.4103, 0.2878**, and if you desaturate by 10%, it is **30.6338, 0.3607, 0.3037**.

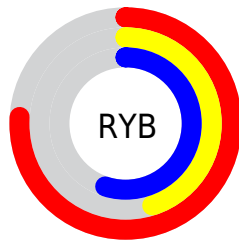
Distribution



Red (76%)

Green (45%)

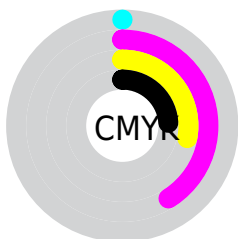
Blue (55%)



Red (76%)

Yellow (45%)

Blue (55%)

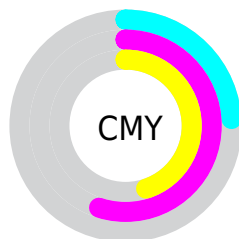


Cyan (0%)

Magenta (41%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3680, 0.3834, 0.2954 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 25.3680, 0.3834, 0.2954 by changing the saturation by 10% instead.


 25.3680, 0.3834,
0.2954


 25.3680, 0.3834,
0.2954


279.6657, 0.3445,
0.3139


 16.3514, 0.3944,
0.2901


 52.2536, 0.3683,
0.3026

 9.7732, 0.4095,
0.2830


 70.8914, 0.3630,
0.3051

 5.2488, 0.4312,
0.2726

 93.5051, 0.3586,
0.3072

 2.3940, 0.4652,
0.2565

 120.4791, 0.3549,
0.3090

 0.8228, 0.5253,
0.2278

152.1978, 0.3517,
0.3105

 0.0000, 1.0000,
0.0000

189.0455, 0.3490,

 0.0000, 0.0000,

0.3118

0.0000

231.4067, 0.3466,
0.3129

■ 25.3680, 0.3834,
0.2954

■ 25.3680, 0.3834,
0.2954

■ 21.0804, 0.4103,
0.2878

■ 30.6338, 0.3607,
0.3037

■ 17.7063, 0.4414,
0.2819

■ 36.9297, 0.3420,
0.3122

■ 15.1792, 0.4758,
0.2788


■ 44.3082, 0.3266,
0.3203


■ 13.4218, 0.5116,
0.2796

■ 52.8175, 0.3141,
0.3281


■ 12.3421, 0.5458,
0.2851

■ 62.5025, 0.3039,
0.3353

 11.8020, 0.5727,
0.2928

 73.4059, 0.2955,
0.3419

 85.5680, 0.2886,
0.3479

 89.6259, 0.2820,
0.3388

 90.2094, 0.2773,
0.3289

Harmonies

Analogous

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



25.3680, 0.3244, 0.2601



25.3680, 0.3834, 0.2954



25.3680, 0.4232, 0.3394

Triad

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



25.3680, 0.3834, 0.2954



25.3680, 0.3509, 0.4373



25.3680, 0.2078, 0.2587

Complementary

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



25.3680, 0.3834, 0.2954



45.0268, 0.2717, 0.3664

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.



25.3680, 0.2133, 0.3024



25.3680, 0.3834, 0.2954



25.3680, 0.2929, 0.4156

Square

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



25.3680, 0.3834, 0.2954



25.3680, 0.4013, 0.4224



25.3680, 0.2431, 0.3621



25.3680, 0.2264, 0.2381

Rectangle

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



25.3680, 0.3834, 0.2954



25.3680, 0.4312, 0.3701



25.3680, 0.2431, 0.3621



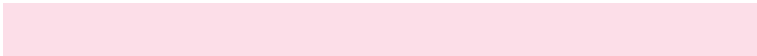
25.3680, 0.2069, 0.2708

Sweetspot

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



25.3692, 0.3834, 0.2954



78.9095, 0.3280, 0.3196



24.3295, 0.2902, 0.2203



16.8700, 0.3299, 0.3185



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.



25.3692, 0.3834, 0.2954



39.2185, 0.4061, 0.2889



28.2986, 0.4084, 0.3492



10.1286, 0.3241, 0.3218



7.7726, 0.5692, 0.2909



0.3485, 0.5044, 0.2552

Inverse Universe

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



25.3692, 0.3834, 0.2954



39.2185, 0.4061, 0.2889



39.8475, 0.2534, 0.3072



10.1286, 0.3241, 0.3218



7.7726, 0.5692, 0.2909



0.3485, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 25.3680, 0.3834, 0.2954 looks on a white background.

Color Contrast Check

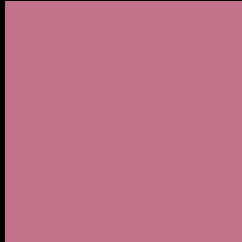
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3680, 0.3834, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

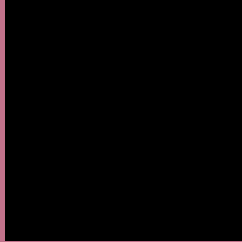
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3680, 0.3834, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 25.3680, 0.3834, 0.2954.



This preview shows how white text looks on a background with the Yxy color 25.3680, 0.3834, 0.2954.

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

25.3680, 0.3834, 0.2954

Protanopia

25.5096, 0.2968, 0.3027

Deuteranopia

25.6001, 0.3323, 0.3259



Tritanopia

25.3089, 0.4000, 0.3169

Trichromacy



Original Color

25.3680, 0.3834, 0.2954

Protanomaly

25.1077, 0.3256, 0.2995

Deuteranomaly

25.3097, 0.3504, 0.3139

Tritanomaly

25.2106, 0.3938, 0.3088

Monochromacy



Original Color

25.3680, 0.3834, 0.2954

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5996, 0.3365, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3680, 0.3834, 0.2954 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(194, 114, 139)` looks like.

```
.text, #text, p{  
    color:rgb(194, 114, 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(194, 114, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 114, 139) }
```

Border

The CSS property to change the border of an element to Yxy 25.3680, 0.3834, 0.2954 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(194, 114, 139) }
```

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

```
.border{ border-color:rgb(194, 114, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 114, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 114, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 114, 139);  
box-shadow:4px 4px 4px 4px rgb(194, 114,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3680, 0.3834, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 114, 139) }
```

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

```
.background{ background-color: rgb(194,  
114, 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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