

Converting Colors

$Yxy(25.5306, 0.3948, 0.2962)$

Have a look what the booklet for
Yxy(25.5306, 0.3948, 0.2962)
contains.

Yxy(25.4544, 0.3944, 0.2951)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4544, 0.3944, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	C86F89
RGB	200, 111, 137
RGB Percent	78%, 44%, 54%
CMY	0.2157, 0.5647, 0.4628
CMYK	0.00, 0.44, 0.32, 0.22
HSL	342°, 45%, 61%
HSV	342°, 44%, 78%
XYZ	34.0197, 25.4544, 26.7828
YIQ	140.5750, 44.6980, 26.9540

Conversions

Conversions Part 2

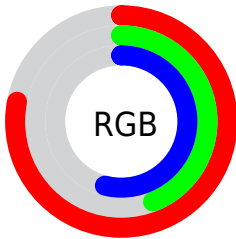
Format	Color
RYB	200, 111, 137
Decimal	13135753
CIELab	57.52, 38.13, 1.44
CIElCh	58, 38.155, 2.160
Yxy	25.4544, 0.3944, 0.2951
Android (android.graphics.Color)	4291325833 (0xFFC86F89)
YUV	140.5750, -1.7625, 52.1157
Hunter-Lab	50.4524, 32.0698, 3.8424

Details

The Yxy color **25.4544, 0.3944, 0.2951** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **47.7478, 0.2680, 0.3672**, and the grayscale version is **26.4556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5286, 0.3740, 0.3020**, and **9.7595, 0.4244, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **21.1886, 0.4238, 0.2885**, and if you desaturate by 10%, it is **30.7531, 0.3695, 0.3027**.

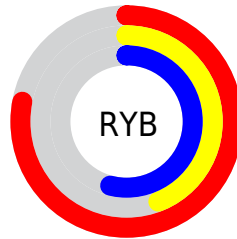
Distribution



Red (78%)

Green (44%)

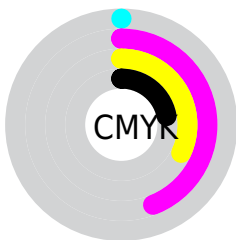
Blue (54%)



Red (78%)

Yellow (44%)

Blue (54%)

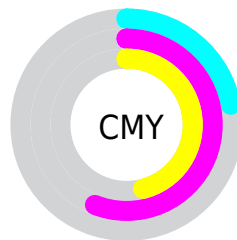


Cyan (0%)

Magenta (44%)

Yellow (32%)

Black (22%)



Cyan (22%)

Magenta (56%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4544, 0.3944, 0.2951 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 25.4544, 0.3944, 0.2951 by changing the saturation by 10% instead.


 25.4544, 0.3944,
0.2951


 25.4544, 0.3944,
0.2951


280.0934, 0.3495,
0.3139


 16.4159, 0.4071,
0.2897


 52.3934, 0.3770,
0.3024


 9.8189, 0.4245,
0.2823


 71.0628, 0.3708,
0.3050

 5.2791, 0.4496,
0.2715


 93.7112, 0.3657,
0.3072

 2.4119, 0.4885,
0.2545

 120.7231, 0.3614,
0.3090

 0.8320, 0.5576,
0.2248

152.4829, 0.3577,
0.3105

 0.0000, 1.0000,
0.0000

189.3749, 0.3546,

 0.0000, 0.0000,

0.3118

0.0000

231.7836, 0.3519,
0.3129

■ 25.4544, 0.3944,
0.2951

■ 25.4544, 0.3944,
0.2951

■ 21.1886, 0.4238,
0.2885

■ 30.7531, 0.3695,
0.3027

■ 17.8839, 0.4574,
0.2838

■ 37.1429, 0.3488,
0.3106

■ 15.4652, 0.4937,
0.2823

■ 44.6818, 0.3319,
0.3184


■ 13.8445, 0.5304,
0.2849

■ 53.4229, 0.3181,
0.3258


■ 12.9151, 0.5639,
0.2922

■ 63.4159, 0.3068,
0.3327

 12.5897, 0.5804,
0.2971

 74.7075, 0.2976,
0.3391

 87.3422, 0.2901,
0.3449

 90.7198, 0.2829,
0.3339

 91.0202, 0.2805,
0.3289

Harmonies

Analogous

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



25.4544, 0.3299, 0.2562



25.4544, 0.3944, 0.2951



25.4544, 0.4360, 0.3429

Triad

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



25.4544, 0.3944, 0.2951



25.4544, 0.3495, 0.4485



25.4544, 0.1993, 0.2494

Complementary

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



25.4544, 0.3944, 0.2951



47.7478, 0.2680, 0.3672

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.



25.4544, 0.2031, 0.2951



25.4544, 0.3944, 0.2951



25.4544, 0.2862, 0.4221

Square

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



25.4544, 0.3944, 0.2951



25.4544, 0.4059, 0.4329



25.4544, 0.2333, 0.3606



25.4544, 0.2210, 0.2294

Rectangle

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



25.4544, 0.3944, 0.2951



25.4544, 0.4426, 0.3760



25.4544, 0.2333, 0.3606



25.4544, 0.1977, 0.2618

Sweetspot

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



25.4557, 0.3944, 0.2951



79.2223, 0.3299, 0.3194



24.4591, 0.2893, 0.2118



16.2803, 0.3333, 0.3177



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.



25.4557, 0.3944, 0.2951



37.1708, 0.4215, 0.2889



29.0769, 0.4187, 0.3528



10.6870, 0.3245, 0.3223



8.0182, 0.5768, 0.2951



0.3925, 0.5158, 0.2615

Inverse Universe

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



25.4557, 0.3944, 0.2951



37.1708, 0.4215, 0.2889



41.0902, 0.2488, 0.3029



10.6870, 0.3245, 0.3223



8.0182, 0.5768, 0.2951



0.3925, 0.5158, 0.2615

Previews

White Background



This preview shows how the Yxy color 25.4544, 0.3944, 0.2951 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 25.4544, 0.3944, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

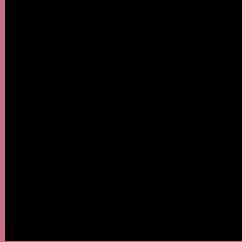
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4544, 0.3944, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 25.4544, 0.3944, 0.2951.



This preview shows how white text looks on a background with the Yxy color 25.4544, 0.3944, 0.2951.

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

25.4544, 0.3944, 0.2951

Protanopia

25.7952, 0.2968, 0.3044

Deuteranopia

25.6137, 0.3368, 0.3307



Tritanopia

25.5819, 0.4121, 0.3187

Trichromacy



Original Color

25.4544, 0.3944, 0.2951

Protanomaly

25.0185, 0.3292, 0.2997

Deuteranomaly

25.3009, 0.3579, 0.3171

Tritanomaly

25.4847, 0.4059, 0.3107

Monochromacy



Original Color

25.4544, 0.3944, 0.2951

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5401, 0.3391, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4544, 0.3944, 0.2951 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(200, 111, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 111, 137)  
}
```

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(200, 111, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 111, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.4544, 0.3944, 0.2951 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(200, 111, 137) }
```

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

```
.border{ border-color:rgb(200, 111, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 111, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 111, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 111, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 111,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4544, 0.3944, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 111, 137) }
```

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

```
.background{ background-color: rgb(200,  
111, 137) }
```

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