

Converting Colors

$Yxy(24.6734, 0.4393, 0.3095)$

Have a look what the booklet for
Yxy(24.6734, 0.4393, 0.3095)
contains.

Yxy(24.8078, 0.4394, 0.3099)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.8078, 0.4394, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	D46676
RGB	212, 102, 118
RGB Percent	83%, 40%, 46%
CMY	0.1686, 0.6000, 0.5373
CMYK	0.00, 0.52, 0.44, 0.17
HSL	351°, 56%, 62%
HSV	351°, 52%, 83%
XYZ	35.1744, 24.8078, 20.0688
YIQ	136.7140, 60.4240, 28.2960

Conversions

Conversions Part 2

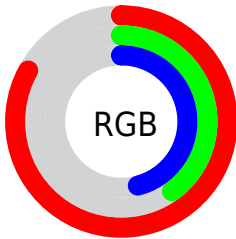
Format	Color
R_{YB}	212, 102, 118
Decimal	13919862
CIE _{Lab}	56.89, 44.81, 11.85
CIE _{LCh}	57, 46.346, 14.813
Yxy	24.8078, 0.4394, 0.3099
Android (android.graphics.Color)	4292109942 (0xFFD46676)
YUV	136.7140, -9.2260, 66.0258
Hunter-Lab	49.8074, 38.8951, 10.9756

Details

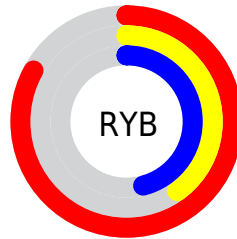
The Yxy color **24.8078, 0.4394, 0.3099** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **53.9041, 0.2540, 0.3512**, and the grayscale version is **24.9212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9392, 0.3962, 0.3145**, and **9.4111, 0.4862, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **20.7712, 0.4798, 0.3079**, and if you desaturate by 10%, it is **29.9952, 0.4042, 0.3131**.

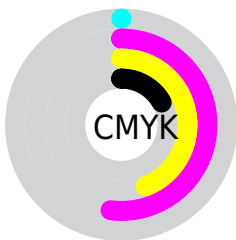
Distribution



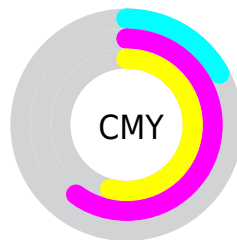
- Red (83%)
- Green (40%)
- Blue (46%)



- Red (83%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (52%)
- Yellow (44%)
- Black (17%)





- Cyan (17%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8078, 0.4394, 0.3099 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 24.8078, 0.4394, 0.3099 by changing the saturation by 10% instead.


 24.8078, 0.4394,
0.3099


 24.8078, 0.4394,
0.3099


276.8794, 0.3690,
0.3225


 15.9339, 0.4595,
0.3055


 51.3452, 0.4120,
0.3153


 9.4774, 0.4867,
0.2989


 69.7776, 0.4023,
0.3171

 5.0539, 0.5256,
0.2884

 92.1649, 0.3943,
0.3185

 2.2789, 0.5847,
0.2699

 118.8915, 0.3876,
0.3196

 0.7625, 0.7460,
0.2534

150.3419, 0.3819,
0.3205

 0.0000, 1.0000,
0.0000

186.9004, 0.3770,

 0.0000, 0.0000,


0.3213


0.0000


228.9515, 0.3727,
0.3219


 24.8078, 0.4394,
0.3099

 24.8078, 0.4394,
0.3099


 20.7712, 0.4798,
0.3079


 29.9952, 0.4042,
0.3131


 17.7937, 0.5233,
0.3077


 36.4079, 0.3747,
0.3169

 15.7763, 0.5656,
0.3101

 44.1191, 0.3505,
0.3209

 14.5990, 0.6010,
0.3151

 53.1946, 0.3310,
0.3247

 14.0966, 0.6219,
0.3200

 63.6963, 0.3153,
0.3283

■ 75.6818, 0.3027,
0.3317

■ 89.2059, 0.2924,
0.3347

■ 92.7387, 0.2872,
0.3289

Harmonies

Analogous

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



24.8078, 0.3678, 0.2595



24.8078, 0.4394, 0.3099



24.8078, 0.4706, 0.3673

Triad

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



24.8078, 0.4394, 0.3099



24.8078, 0.3222, 0.4712



24.8078, 0.1852, 0.2194

Complementary

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



24.8078, 0.4394, 0.3099



53.9041, 0.2540, 0.3512

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.



24.8078, 0.1767, 0.2591



24.8078, 0.4394, 0.3099



24.8078, 0.2496, 0.4163

Square

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



24.8078, 0.4394, 0.3099



24.8078, 0.3963, 0.4679



24.8078, 0.1980, 0.3305



24.8078, 0.2222, 0.2092

Rectangle

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



24.8078, 0.4394, 0.3099



24.8078, 0.4632, 0.4060



24.8078, 0.1980, 0.3305



24.8078, 0.1792, 0.2291

Sweetspot

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



24.8091, 0.4394, 0.3099



74.6285, 0.3389, 0.3231



25.9269, 0.3011, 0.1988



15.3630, 0.3430, 0.3223



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.



24.8091, 0.4394, 0.3099



31.1439, 0.4831, 0.3078



33.8618, 0.4338, 0.3766



12.4499, 0.3268, 0.3256



8.7105, 0.6193, 0.3185



0.5350, 0.5778, 0.2957

Inverse Universe

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



24.8091, 0.4394, 0.3099



31.1439, 0.4831, 0.3078



37.6609, 0.2350, 0.2731



12.4499, 0.3268, 0.3256



8.7105, 0.6193, 0.3185



0.5350, 0.5778, 0.2957

Previews

White Background



This preview shows how the Yxy color 24.8078, 0.4394, 0.3099 looks on a white background.

Color Contrast Check

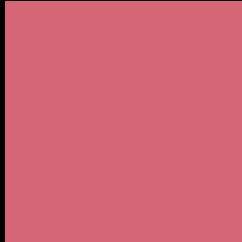
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8078, 0.4394, 0.3099 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 24.8078, 0.4394, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 24.8078, 0.4394, 0.3099.



This preview shows how white text looks on a background with the Yxy color 24.8078, 0.4394, 0.3099.

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

24.8078, 0.4394, 0.3099

Protanopia

24.9613, 0.3172, 0.3290

Deuteranopia

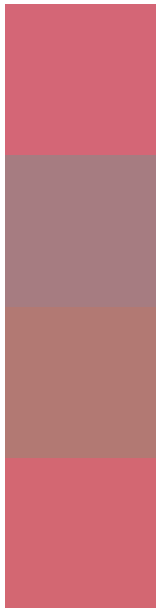
25.0657, 0.3662, 0.3596



Tritanopia

24.6971, 0.4476, 0.3196

Trichromacy



Original Color

24.8078, 0.4394, 0.3099

Protanomaly

24.1073, 0.3586, 0.3214

Deuteranomaly

24.3775, 0.3924, 0.3381

Tritanomaly

24.7643, 0.4434, 0.3159

Monochromacy



Original Color

24.8078, 0.4394, 0.3099

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.9195, 0.3549, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8078, 0.4394, 0.3099 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(212, 102, 118)` looks like.

```
.text, #text, p{  
    color:rgb(212, 102, 118)  
}
```

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(212, 102, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 102, 118) }
```

Border

The CSS property to change the border of an element to Yxy 24.8078, 0.4394, 0.3099 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(212, 102, 118) }
```

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

```
.border{ border-color:rgb(212, 102, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 102, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 102, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 102, 118);  
box-shadow:4px 4px 4px 4px rgb(212, 102,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8078, 0.4394, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 102, 118) }
```

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

```
.background{ background-color: rgb(212,  
102, 118) }
```

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