

Converting Colors

$Y_{xy}(26.1924, 0.4056, 0.3211)$

Have a look what the booklet for
Yxy(26.1924, 0.4056, 0.3211)
contains.

Yxy(26.2824, 0.4051, 0.3212)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2824, 0.4051, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	C5767C
RGB	197, 118, 124
RGB Percent	77%, 46%, 49%
CMY	0.2274, 0.5373, 0.5137
CMYK	0.00, 0.40, 0.37, 0.23
HSL	355°, 41%, 62%
HSV	355°, 40%, 77%
XYZ	33.1476, 26.2824, 22.3957
YIQ	142.3050, 45.1580, 18.6140

Conversions

Conversions Part 2

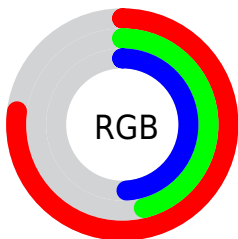
Format	Color
R_{YB}	197, 118, 124
Decimal	12940924
CIE Lab	58.30, 31.67, 10.05
CIE LCh	58, 33.225, 17.610
Yxy	26.2824, 0.4051, 0.3212
Android (android.graphics.Color)	4291131004 (0xFFC5767C)
YUV	142.3050, -9.0244, 47.9675
Hunter-Lab	51.2664, 25.6976, 9.9857

Details

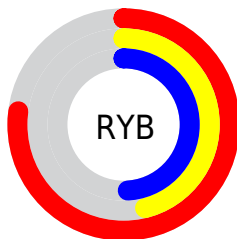
The Yxy color **26.2824, 0.4051, 0.3212** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.5571, 0.2614, 0.3374**, and the grayscale version is **27.2008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5204, 0.3852, 0.3240**, and **10.3050, 0.4404, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **21.6995, 0.4421, 0.3196**, and if you desaturate by 10%, it is **31.9220, 0.3743, 0.3232**.

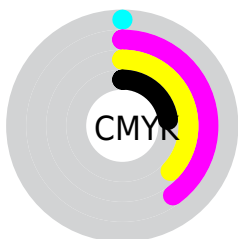
Distribution



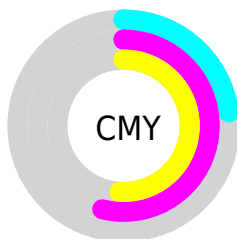
- Red (77%)
- Green (46%)
- Blue (49%)



- Red (77%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (23%)




- Cyan (23%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2824, 0.4051, 0.3212 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 26.2824, 0.4051, 0.3212 by changing the saturation by 10% instead.


 26.2824, 0.4051,
0.3212


 26.2824, 0.4051,
0.3212

284.1656, 0.3541,
0.3267


 17.0350, 0.4196,
0.3191


 53.7302, 0.3853,
0.3237

 10.2595, 0.4394,
0.3159


 72.6994, 0.3783,
0.3245

 5.5713, 0.4678,
0.3106

 95.6780, 0.3724,
0.3251

 2.5862, 0.5118,
0.3008

123.0503, 0.3676,
0.3255

 0.9197, 0.6132,
0.2921

155.2009, 0.3634,
0.3259

 0.0000, 1.0000,
0.0000


192.5140, 0.3599,


 0.0000, 0.0000,


0.3262


0.0000


235.3741, 0.3568,
0.3265

 26.2824, 0.4051,
0.3212


 26.2824, 0.4051,
0.3212


 21.6995, 0.4421,
0.3196

 31.9220, 0.3743,
0.3232

 18.1040, 0.4846,
0.3185


 38.6742, 0.3493,
0.3252


 15.4242, 0.5303,
0.3186


 46.5959, 0.3291,
0.3271


 13.5774, 0.5742,
0.3200

 55.7386, 0.3129,
0.3290


 12.4656, 0.6098,
0.3228

 66.1511, 0.2999,
0.3307

 11.9082, 0.6324,
0.3257

 77.8792, 0.2893,
0.3322

 90.3858, 0.2807,
0.3327

 90.6138, 0.2789,
0.3289

Harmonies

Analogous

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



26.2824, 0.3576, 0.2816



26.2824, 0.4051, 0.3212



26.2824, 0.4250, 0.3650

Triad

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



26.2824, 0.4051, 0.3212



26.2824, 0.3171, 0.4237



26.2824, 0.2203, 0.2480

Complementary

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



26.2824, 0.4051, 0.3212



47.5571, 0.2614, 0.3374

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.



26.2824, 0.2120, 0.2773



26.2824, 0.4051, 0.3212



26.2824, 0.2646, 0.3836

Square

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



26.2824, 0.4051, 0.3212



26.2824, 0.3710, 0.4295



26.2824, 0.2272, 0.3267



26.2824, 0.2510, 0.2407

Rectangle

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



26.2824, 0.4051, 0.3212



26.2824, 0.4193, 0.3928



26.2824, 0.2272, 0.3267



26.2824, 0.2150, 0.2553

Sweetspot

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



26.2837, 0.4051, 0.3212



80.3176, 0.3329, 0.3267



27.9908, 0.3103, 0.2292



16.7749, 0.3354, 0.3265



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.



26.2837, 0.4051, 0.3212



39.8761, 0.4366, 0.3198



35.2896, 0.3948, 0.3729



10.6498, 0.3278, 0.3273



7.8352, 0.6307, 0.3248



0.3756, 0.6002, 0.3080

Inverse Universe

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



26.2837, 0.4051, 0.3212



39.8761, 0.4366, 0.3198



34.4679, 0.2504, 0.2798



10.6498, 0.3278, 0.3273



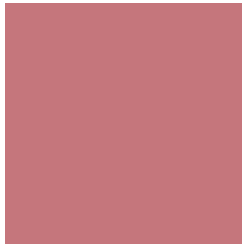
7.8352, 0.6307, 0.3248



0.3756, 0.6002, 0.3080

Previews

White Background



This preview shows how the Yxy color 26.2824, 0.4051, 0.3212 looks on a white background.

Color Contrast Check

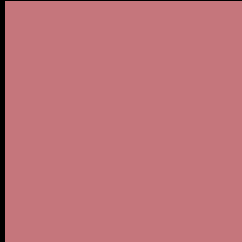
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2824, 0.4051, 0.3212 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 26.2824, 0.4051, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 26.2824, 0.4051, 0.3212.



This preview shows how white text looks on a background with the Yxy color 26.2824, 0.4051, 0.3212.

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

26.2824, 0.4051, 0.3212

Protanopia

26.4630, 0.3212, 0.3356

Deuteranopia

26.2855, 0.3582, 0.3512



Tritanopia

26.3335, 0.4024, 0.3185

Trichromacy



Original Color

26.2824, 0.4051, 0.3212

Protanomaly

25.9550, 0.3490, 0.3291

Deuteranomaly

26.1043, 0.3750, 0.3397

Tritanomaly

26.3079, 0.4038, 0.3199

Monochromacy



Original Color

26.2824, 0.4051, 0.3212

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2057, 0.3441, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2824, 0.4051, 0.3212 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(197, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(197, 118, 124)  
}
```

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(197, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 118, 124) }
```

Border

The CSS property to change the border of an element to Yxy 26.2824, 0.4051, 0.3212 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(197, 118, 124) }
```

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

```
.border{ border-color:rgb(197, 118, 124) }
```

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

Here you see how a box with a 4 pixel rgb(197, 118, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(197, 118,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2824, 0.4051, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 118, 124) }
```

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

```
.background{ background-color: rgb(197,  
118, 124) }
```

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