

Converting Colors

$Y_{xy}(26.3451, 0.4272, 0.3444)$

Have a look what the booklet for
Yxy(26.3451, 0.4272, 0.3444)
contains.

Yxy(26.2821, 0.4265, 0.3439)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2821, 0.4265, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	C6776C
RGB	198, 119, 108
RGB Percent	78%, 47%, 42%
CMY	0.2235, 0.5333, 0.5764
CMYK	0.00, 0.40, 0.45, 0.22
HSL	7°, 44%, 60%
HSV	7°, 45%, 78%
XYZ	32.5947, 26.2821, 17.5469
YIQ	141.3670, 50.6150, 13.3270

Conversions

Conversions Part 2

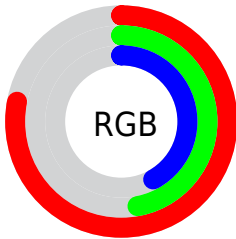
Format	Color
R_{YB}	198, 121, 108
Decimal	13006700
CIE Lab	58.30, 29.70, 19.27
CIE LCh	58, 35.407, 32.979
Yxy	26.2821, 0.4265, 0.3439
Android (android.graphics.Color)	4291196780 (0xFFC6776C)
YUV	141.3670, -16.4499, 49.6671
Hunter-Lab	51.2661, 23.7737, 15.5930

Details

The Yxy color **26.2821, 0.4265, 0.3439** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.8188, 0.2496, 0.3128**, and the grayscale version is **26.8397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2683, 0.4008, 0.3430**, and **10.2559, 0.4672, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **22.1422, 0.4660, 0.3465**, and if you desaturate by 10%, it is **31.2772, 0.3925, 0.3407**.

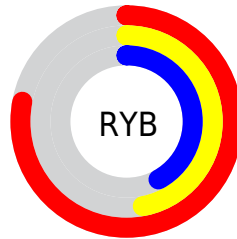
Distribution



Red (78%)

Green (47%)

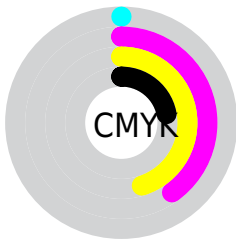
Blue (42%)



Red (78%)

Yellow (47%)

Blue (42%)

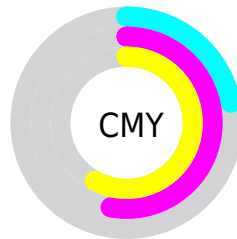


Cyan (0%)

Magenta (40%)

Yellow (45%)

Black (22%)



Cyan (22%)


Magenta (53%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2821, 0.4265, 0.3439 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 26.2821, 0.4265, 0.3439 by changing the saturation by 10% instead.


 26.2821, 0.4265,
0.3439

 26.2821, 0.4265,
0.3439

284.1642, 0.3637,
0.3382

 17.0348, 0.4442,
0.3444


 53.7297, 0.4022,
0.3424


 10.2593, 0.4681,
0.3442


 72.6988, 0.3935,
0.3417

 5.5712, 0.5020,
0.3423


 95.6772, 0.3863,
0.3410

 2.5862, 0.5527,
0.3358

 123.0495, 0.3803,
0.3403

 0.9197, 0.6678,
0.3322

155.1999, 0.3752,
0.3397

 0.0000, 1.0000,
0.0000

192.5129, 0.3708,

 0.0000, 0.0000,

0.3392

0.0000

235.3728, 0.3670,
0.3387

■ 26.2821, 0.4265,
0.3439

■ 26.2821, 0.4265,
0.3439

■ 22.1422, 0.4660,
0.3465

■ 31.2772, 0.3925,
0.3407

■ 18.8058, 0.5094,
0.3479

■ 37.1677, 0.3641,
0.3372

■ 16.2214, 0.5533,
0.3474


■ 43.9960, 0.3407,
0.3339


■ 14.3301, 0.5924,
0.3447


■ 51.8006, 0.3216,
0.3306

■ 13.0638, 0.6206,
0.3398

■ 60.6178, 0.3060,
0.3277

 12.6670, 0.6301,
0.3379

 70.4822, 0.2933,
0.3250

 81.4266, 0.2828,
0.3225

 90.7469, 0.2794,
0.3289

Harmonies

Analogous

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



26.2821, 0.3892, 0.2991



26.2821, 0.4265, 0.3439



26.2821, 0.4288, 0.3895

Triad

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



26.2821, 0.4265, 0.3439



26.2821, 0.2872, 0.4125



26.2821, 0.2286, 0.2365

Complementary

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



26.2821, 0.4265, 0.3439



42.8188, 0.2496, 0.3128

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.



26.2821, 0.2076, 0.2550



26.2821, 0.4265, 0.3439



26.2821, 0.2385, 0.3564

Square

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



26.2821, 0.4265, 0.3439



26.2821, 0.3457, 0.4381



26.2821, 0.2108, 0.2969



26.2821, 0.2717, 0.2399

Rectangle

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



26.2821, 0.4265, 0.3439



26.2821, 0.4113, 0.4157



26.2821, 0.2108, 0.2969



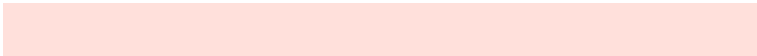
26.2821, 0.2190, 0.2401

Sweetspot

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



26.2834, 0.4265, 0.3439



79.5172, 0.3381, 0.3334



26.3454, 0.3293, 0.2302



16.4120, 0.3427, 0.3342



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.



26.2834, 0.4265, 0.3439



38.9580, 0.4675, 0.3466



39.4665, 0.3982, 0.4011



10.8420, 0.3287, 0.3319



8.3050, 0.6286, 0.3391



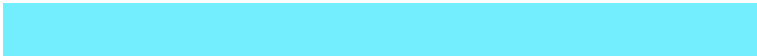
0.4643, 0.5981, 0.3633

Inverse Universe

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



42.8188, 0.2496, 0.3128



71.9300, 0.2386, 0.3086



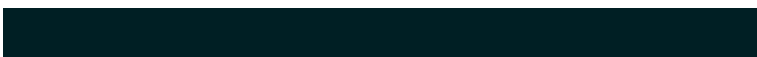
26.7661, 0.2373, 0.2431



11.8381, 0.2984, 0.3261



22.3819, 0.2140, 0.2904



1.1236, 0.2164, 0.2992

Previews

White Background



This preview shows how the Yxy color 26.2821, 0.4265, 0.3439 looks on a white background.

Color Contrast Check

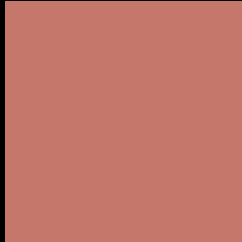
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2821, 0.4265, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

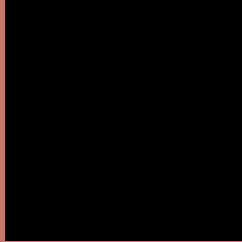
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2821, 0.4265, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 26.2821, 0.4265, 0.3439.



This preview shows how white text looks on a background with the Yxy color 26.2821, 0.4265, 0.3439.

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

26.2821, 0.4265, 0.3439

Protanopia

26.3601, 0.3446, 0.3654

Deuteranopia

26.4549, 0.3824, 0.3755



Tritanopia

26.1136, 0.4071, 0.3173

Trichromacy



Original Color

26.2821, 0.4265, 0.3439

Protanomaly

25.8244, 0.3735, 0.3571

Deuteranomaly

26.2061, 0.3991, 0.3630

Tritanomaly

26.1966, 0.4145, 0.3266

Monochromacy



Original Color

26.2821, 0.4265, 0.3439

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.0414, 0.3509, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2821, 0.4265, 0.3439 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(198, 119, 108)` looks like.

```
.text, #text, p{  
    color:rgb(198, 119, 108)  
}
```

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(198, 119, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 119, 108) }
```

Border

The CSS property to change the border of an element to Yxy 26.2821, 0.4265, 0.3439 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(198, 119, 108) }
```

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

```
.border{ border-color:rgb(198, 119, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 119, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 119, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 119, 108);  
box-shadow:4px 4px 4px 4px rgb(198, 119,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2821, 0.4265, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 119, 108) }
```

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

```
.background{ background-color: rgb(198,  
119, 108) }
```

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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