

Converting Colors

$Y_{xy}(29.8519, 0.4077, 0.3472)$

Have a look what the booklet for
Yxy(29.8519, 0.4077, 0.3472)
contains.

Yxy(29.9526, 0.4074, 0.3479)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.9526, 0.4074, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	C78476
RGB	199, 132, 118
RGB Percent	78%, 52%, 46%
CMY	0.2196, 0.4823, 0.5373
CMYK	0.00, 0.34, 0.41, 0.22
HSL	10°, 42%, 62%
HSV	10°, 41%, 78%
XYZ	35.0753, 29.9526, 21.0676
YIQ	150.4370, 44.4260, 9.8500

Conversions

Conversions Part 2

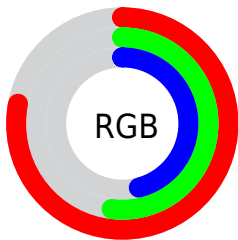
Format	Color
R _Y B	199, 135, 118
Decimal	13075574
CIE Lab	61.61, 24.10, 18.14
CIE LCh	62, 30.162, 36.968
Yxy	29.9526, 0.4074, 0.3479
Android (android.graphics.Color)	4291265654 (0xFFC78476)
YUV	150.4370, -15.9914, 42.5898
Hunter-Lab	54.7290, 18.6233, 15.4870

Details

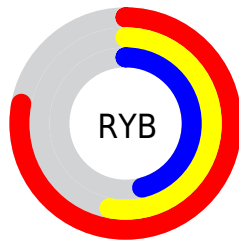
The Yxy color **29.9526, 0.4074, 0.3479** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6687, 0.2541, 0.3087**, and the grayscale version is **30.7503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2801, 0.3855, 0.3460**, and **12.3164, 0.4399, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **25.4127, 0.4428, 0.3521**, and if you desaturate by 10%, it is **35.2994, 0.3772, 0.3432**.

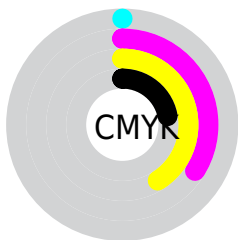
Distribution



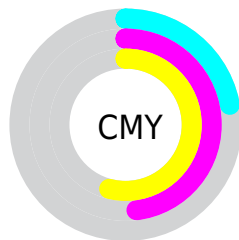
- Red (78%)
- Green (52%)
- Blue (46%)



- Red (78%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (22%)




- Cyan (22%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9526, 0.4074, 0.3479 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 29.9526, 0.4074, 0.3479 by changing the saturation by 10% instead.


 29.9526, 0.4074,
0.3479


 29.9526, 0.4074,
0.3479


301.6834, 0.3561,
0.3395


 19.8026, 0.4215,
0.3494


 59.5872, 0.3878,
0.3452

 12.2516, 0.4404,
0.3509


 79.8406, 0.3807,
0.3441

 6.9153, 0.4668,
0.3520


 104.2306, 0.3749,
0.3431

 3.4092, 0.5059,
0.3512

133.1416, 0.3699,
0.3422

 1.3489, 0.6009,
0.3636

166.9580, 0.3657,
0.3414

 0.1786, 0.8093,
0.1907


206.0642, 0.3621,


 0.0000, 0.0000,


0.3407


0.0000

250.8445, 0.3589,
0.3401

 29.9526, 0.4074,
0.3479


 29.9526, 0.4074,
0.3479


 25.4127, 0.4428,
0.3521


 35.2994, 0.3772,
0.3432


 21.6360, 0.4828,
0.3552


 41.4854, 0.3519,
0.3383


 18.5814, 0.5252,
0.3563


 48.5461, 0.3310,
0.3337

 16.2020, 0.5661,
0.3545


 56.5140, 0.3138,
0.3293


 14.4452, 0.6002,
0.3496

 65.4198, 0.2996,
0.3253

 13.3119, 0.6230,
0.3435

 75.2927, 0.2879,
0.3216

 86.0123, 0.2794,
0.3207

 90.8832, 0.2800,
0.3289

Harmonies

Analogous

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



29.9526, 0.3804, 0.3095



29.9526, 0.4074, 0.3479



29.9526, 0.4061, 0.3851

Triad

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



29.9526, 0.4074, 0.3479



29.9526, 0.2865, 0.3909



29.9526, 0.2469, 0.2514

Complementary

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



29.9526, 0.4074, 0.3479



42.6687, 0.2541, 0.3087

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.



29.9526, 0.2264, 0.2652



29.9526, 0.4074, 0.3479



29.9526, 0.2476, 0.3451

Square

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



29.9526, 0.4074, 0.3479



29.9526, 0.3344, 0.4159



29.9526, 0.2265, 0.2982



29.9526, 0.2853, 0.2562

Rectangle

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



29.9526, 0.4074, 0.3479



29.9526, 0.3902, 0.4047



29.9526, 0.2265, 0.2982



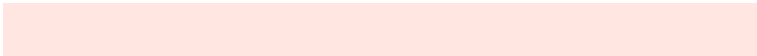
29.9526, 0.2379, 0.2539

Sweetspot

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



29.9541, 0.4074, 0.3479



83.0869, 0.3338, 0.3343



28.6208, 0.3316, 0.2444



17.4206, 0.3364, 0.3349



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.



29.9541, 0.4074, 0.3479



45.2213, 0.4391, 0.3518



42.9561, 0.3858, 0.3986



10.9286, 0.3285, 0.3331



8.6493, 0.6210, 0.3451



0.5038, 0.5835, 0.3749

Inverse Universe

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



42.6687, 0.2541, 0.3087



70.4652, 0.2434, 0.3035



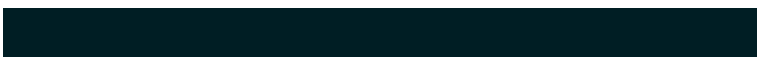
28.2232, 0.2445, 0.2473



11.7432, 0.2984, 0.3249



19.9702, 0.2093, 0.2734



1.0302, 0.2128, 0.2862

Previews

White Background



This preview shows how the Yxy color 29.9526, 0.4074, 0.3479 looks on a white background.

Color Contrast Check

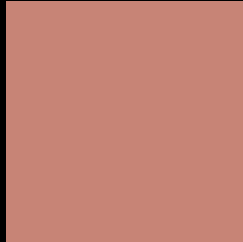
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9526, 0.4074, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

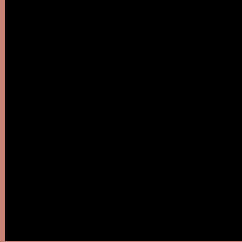
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9526, 0.4074, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 29.9526, 0.4074, 0.3479.



This preview shows how white text looks on a background with the Yxy color 29.9526, 0.4074, 0.3479.

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

29.9526, 0.4074, 0.3479

Protanopia

30.1693, 0.3438, 0.3650

Deuteranopia

30.0198, 0.3767, 0.3689



Tritanopia

29.9821, 0.3858, 0.3161

Trichromacy



Original Color

29.9526, 0.4074, 0.3479

Protanomaly

29.8456, 0.3657, 0.3589

Deuteranomaly

29.9399, 0.3878, 0.3605

Tritanomaly

29.8833, 0.3939, 0.3279

Monochromacy



Original Color

29.9526, 0.4074, 0.3479

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8047, 0.3451, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9526, 0.4074, 0.3479 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(199, 132, 118)` looks like.

```
.text, #text, p{  
    color:rgb(199, 132, 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(199, 132, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 132, 118) }
```

Border

The CSS property to change the border of an element to Yxy 29.9526, 0.4074, 0.3479 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(199, 132, 118) }
```

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

```
.border{ border-color:rgb(199, 132, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 132, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 132, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 132, 118);  
box-shadow:4px 4px 4px 4px rgb(199, 132,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9526, 0.4074, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 132, 118) }
```

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

```
.background{ background-color: rgb(199,  
132, 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](#).

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