

Converting Colors

$Y_{xy}(26.0916, 0.3790, 0.3592)$

Have a look what the booklet for
Yxy(26.0916, 0.3790, 0.3592)
contains.

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Color

Yxy(26.1074, 0.3795, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	A98470
RGB	169, 132, 112
RGB Percent	66%, 52%, 44%
CMY	0.3373, 0.4823, 0.5608
CMYK	0.00, 0.22, 0.34, 0.34
HSL	21°, 25%, 55%
HSV	21°, 34%, 66%
XYZ	27.5368, 26.1074, 18.9166
YIQ	140.7830, 28.4720, 1.6240

Conversions

Conversions Part 2

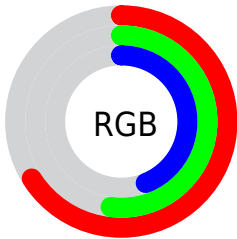
Format	Color
RYB	169, 143, 112
Decimal	11109488
CIELab	58.14, 11.28, 16.23
CIELCh	58, 19.765, 55.186
Yxy	26.1074, 0.3795, 0.3598
Android (android.graphics.Color)	4289299568 (0xFFA98470)
YUV	140.7830, -14.1900, 24.7463
Hunter-Lab	51.0954, 6.7821, 13.8163

Details

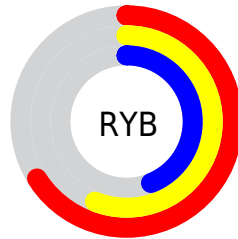
The Yxy color **26.1074, 0.3795, 0.3598** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.7991, 0.2616, 0.2958**, and the grayscale version is **26.5953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3858, 0.3649, 0.3535**, and **10.1178, 0.4056, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **22.9469, 0.4065, 0.3691**, and if you desaturate by 10%, it is **29.6537, 0.3560, 0.3503**.

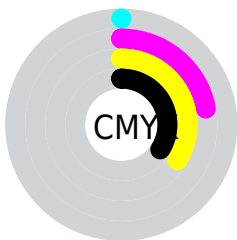
Distribution



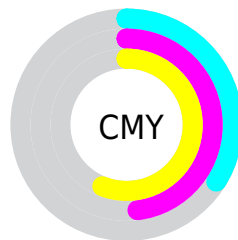
- Red (66%)
- Green (52%)
- Blue (44%)



- Red (66%)
- Yellow (56%)
- Blue (44%)



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





- Cyan (34%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1074, 0.3795, 0.3598 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 26.1074, 0.3795, 0.3598 by changing the saturation by 10% instead.


 26.1074, 0.3795,
0.3598


 26.1074, 0.3795,
0.3598


283.3089, 0.3426,
0.3438


 16.9040, 0.3900,
0.3639


 53.4482, 0.3652,
0.3539


 10.1661, 0.4042,
0.3691


 72.3543, 0.3601,
0.3517

 5.5092, 0.4247,
0.3759

 95.2635, 0.3559,
0.3498

 2.5490, 0.4563,
0.3846

 122.5601, 0.3524,
0.3483

 0.9011, 0.5642,
0.4358

154.6286, 0.3494,
0.3469

 0.0000, 1.0000,
0.0000


191.8533, 0.3468,


 0.0000, 0.0000,


0.3457

0.0000


234.6186, 0.3446,
0.3447


 26.1074, 0.3795,
0.3598


 26.1074, 0.3795,
0.3598


 22.9469, 0.4065,
0.3691


 29.6537, 0.3560,
0.3503

 20.1551, 0.4369,
0.3775


 33.5949, 0.3357,
0.3410


 17.7185, 0.4700,
0.3840

 37.9446, 0.3185,
0.3321

 15.6217, 0.5042,
0.3875

 42.7144, 0.3038,
0.3239

 13.8479, 0.5371,
0.3868

 47.9154, 0.2912,
0.3163

■ 12.3782, 0.5658,
0.3811

■ 53.5585, 0.2806,
0.3094

■ 11.5958, 0.5820,
0.3761

■ 59.6540, 0.2714,
0.3030

■ 66.2119, 0.2635,
0.2972

■ 72.6423, 0.2612,
0.3016

Harmonies

Analogous

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



26.1074, 0.3722, 0.3326



26.1074, 0.3795, 0.3598



26.1074, 0.3678, 0.3810

Triad

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



26.1074, 0.3795, 0.3598



26.1074, 0.2773, 0.3531



26.1074, 0.2823, 0.2747

Complementary

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



26.1074, 0.3795, 0.3598



27.7991, 0.2616, 0.2958

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.



26.1074, 0.2593, 0.2771



26.1074, 0.3795, 0.3598



26.1074, 0.2565, 0.3207

Square

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



26.1074, 0.3795, 0.3598



26.1074, 0.3081, 0.3791



26.1074, 0.2501, 0.2931



26.1074, 0.3145, 0.2852

Rectangle

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



26.1074, 0.3795, 0.3598



26.1074, 0.3514, 0.3883



26.1074, 0.2501, 0.2931



26.1074, 0.2733, 0.2740

Sweetspot

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



26.1086, 0.3795, 0.3598



62.8504, 0.3293, 0.3378



22.1938, 0.3403, 0.2738



13.4752, 0.3317, 0.3390



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.1086, 0.3795, 0.3598



42.7341, 0.3980, 0.3664



34.8998, 0.3661, 0.4002



7.9571, 0.3277, 0.3370



8.7356, 0.5801, 0.3776



0.3084, 0.5181, 0.4268

Inverse Universe

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



27.7991, 0.2616, 0.2958



46.1846, 0.2514, 0.2876



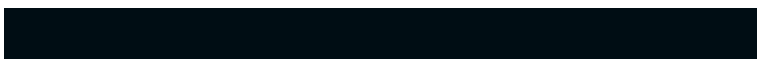
19.8743, 0.2553, 0.2460



8.0821, 0.2987, 0.3209



10.4967, 0.1922, 0.2120



0.3459, 0.2042, 0.2552

Previews

White Background



This preview shows how the Yxy color 26.1074, 0.3795, 0.3598 looks on a white background.

Color Contrast Check

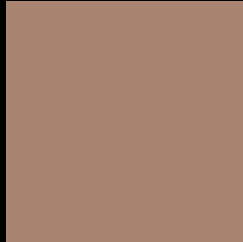
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1074, 0.3795, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

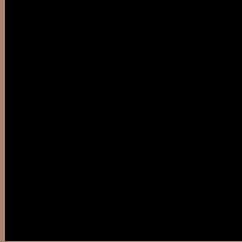
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1074, 0.3795, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 26.1074, 0.3795, 0.3598.



This preview shows how white text looks on a background with the Yxy color 26.1074, 0.3795, 0.3598.

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

26.1074, 0.3795, 0.3598

Protanopia

26.3130, 0.3468, 0.3688

Deuteranopia

26.0066, 0.3713, 0.3637



Tritanopia

26.0440, 0.3537, 0.3142

Trichromacy



Original Color

26.1074, 0.3795, 0.3598

Protanomaly

26.1970, 0.3583, 0.3645

Deuteranomaly

25.9442, 0.3742, 0.3619

Tritanomaly

25.9434, 0.3629, 0.3292

Monochromacy



Original Color

26.1074, 0.3795, 0.3598

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3680, 0.3357, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1074, 0.3795, 0.3598 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(169, 132, 112)` looks like.

```
.text, #text, p{  
    color:rgb(169, 132, 112)  
}
```

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(169, 132, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 132, 112) }
```

Border

The CSS property to change the border of an element to Yxy 26.1074, 0.3795, 0.3598 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(169, 132, 112) }
```

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

```
.border{ border-color:rgb(169, 132, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 132, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 132, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 132, 112);  
box-shadow:4px 4px 4px 4px rgb(169, 132,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1074, 0.3795, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 132, 112) }
```

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

```
.background{ background-color: rgb(169,  
132, 112) }
```

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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