

Converting Colors

$Y_{xy}(26.0867, 0.3928, 0.4278)$

Have a look what the booklet for
Yxy(26.0867, 0.3928, 0.4278)
contains.

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Color

Yxy(26.0785, 0.3920, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	998C4E
RGB	153, 140, 78
RGB Percent	60%, 55%, 31%
CMY	0.4000, 0.4510, 0.6942
CMYK	0.00, 0.09, 0.49, 0.40
HSL	50°, 32%, 45%
HSV	50°, 49%, 60%
XYZ	23.8906, 26.0785, 10.9763
YIQ	136.8190, 27.6500, -16.5260

Conversions

Conversions Part 2

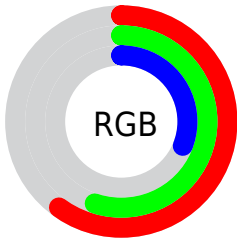
Format	Color
R_{YB}	94, 153, 78
Decimal	10062926
CIE Lab	58.11, -3.90, 34.70
CIE LCh	58, 34.916, 96.409
Yxy	26.0785, 0.3920, 0.4279
Android (android.graphics.Color)	4288253006 (0xFF998C4E)
YUV	136.8190, -28.9978, 14.1907
Hunter-Lab	51.0671, -5.8604, 23.0033

Details

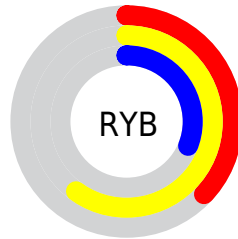
The Yxy color **26.0785, 0.3920, 0.4279** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.3970, 0.2267, 0.2046**, and the grayscale version is **25.0480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2538, 0.3771, 0.4077**, and **10.1206, 0.4154, 0.4591** is the 20% darker color. If you saturate the color by 10%, you get **25.1194, 0.4080, 0.4451**, and if you desaturate by 10%, it is **27.1097, 0.3753, 0.4086**.

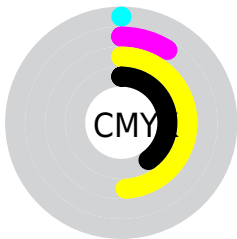
Distribution



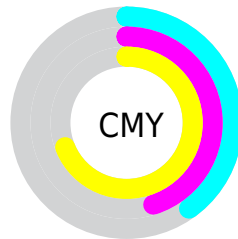
- Red (60%)
- Green (55%)
- Blue (31%)



- Red (37%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (40%)





- Cyan (40%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0785, 0.3920, 0.4279 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 26.0785, 0.3920, 0.4279 by changing the saturation by 10% instead.


 26.0785, 0.3920,
0.4279


 26.0785, 0.3920,
0.4279


283.1672, 0.3501,
0.3745


 16.8824, 0.4026,
0.4420


 53.4016, 0.3765,
0.4078


 10.1507, 0.4158,
0.4601


 72.2973, 0.3707,
0.4004


 5.4990, 0.4319,
0.4835

 95.1950, 0.3659,
0.3943

 2.5429, 0.4672,
0.5328

 122.4791, 0.3618,
0.3891

 0.8980, 0.4578,
0.5422

 154.5340, 0.3582,
0.3846

 0.0000, 0.0000,
0.0000

191.7440, 0.3552,

0.3808

234.4936, 0.3525,
0.3774

■ 26.0785, 0.3920,
0.4279

■ 26.0785, 0.3920,
0.4279

■ 25.1194, 0.4080,
0.4451

■ 27.1097, 0.3753,
0.4086

■ 24.2252, 0.4225,
0.4594

■ 28.2129, 0.3584,
0.3882

■ 23.3928, 0.4349,
0.4698

■ 29.3923, 0.3419,
0.3674

■ 22.6173, 0.4448,
0.4759

■ 30.6508, 0.3261,
0.3469

■ 21.8884, 0.4524,
0.4783

■ 31.9911, 0.3113,
0.3272

■ 21.8198, 0.4531,
0.4785

■ 33.4158, 0.2977,
0.3085

■ 34.9273, 0.2852,
0.2910

■ 36.5280, 0.2738,
0.2748

■ 38.2199, 0.2635,
0.2599

Harmonies

Analogous

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



26.0785, 0.4256, 0.3938



26.0785, 0.3920, 0.4279



26.0785, 0.3388, 0.4359

Triad

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



26.0785, 0.3920, 0.4279



26.0785, 0.2102, 0.2915



26.0785, 0.3373, 0.2665

Complementary

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



26.0785, 0.3920, 0.4279



11.3970, 0.2267, 0.2046

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.



26.0785, 0.2783, 0.2425



26.0785, 0.3920, 0.4279



26.0785, 0.2099, 0.2525

Square

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



26.0785, 0.3920, 0.4279



26.0785, 0.2350, 0.3491



26.0785, 0.2333, 0.2367



26.0785, 0.3940, 0.3042

Rectangle

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



26.0785, 0.3920, 0.4279



26.0785, 0.2999, 0.4202



26.0785, 0.2333, 0.2367



26.0785, 0.3169, 0.2567

Sweetspot

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



26.0797, 0.3920, 0.4279



53.4582, 0.3359, 0.3597



12.9857, 0.4194, 0.3063



11.7096, 0.3390, 0.3636



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.0797, 0.3920, 0.4279



44.7942, 0.4097, 0.4469



28.0218, 0.3563, 0.4568



7.0407, 0.3264, 0.3473



18.0739, 0.4528, 0.4787



0.3126, 0.4358, 0.4922

Inverse Universe

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



11.3970, 0.2267, 0.2046



15.3738, 0.2057, 0.1712



10.5539, 0.2490, 0.1887



6.1909, 0.2988, 0.3101



2.5670, 0.1551, 0.0783



0.0764, 0.1717, 0.1380

Previews

White Background



This preview shows how the Yxy color 26.0785, 0.3920, 0.4279 looks on a white background.

Color Contrast Check

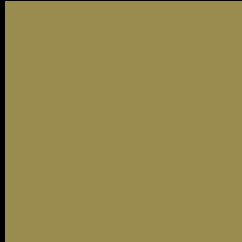
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0785, 0.3920, 0.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

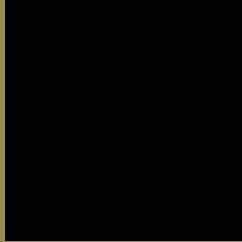
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0785, 0.3920, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 26.0785, 0.3920, 0.4279.



This preview shows how white text looks on a background with the Yxy color 26.0785, 0.3920, 0.4279.

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

26.0785, 0.3920, 0.4279

Protanopia

26.1763, 0.3932, 0.4274

Deuteranopia

25.9003, 0.4159, 0.4078



Tritanopia

26.1292, 0.3317, 0.3135

Trichromacy



Original Color

26.0785, 0.3920, 0.4279

Protanomaly

26.1763, 0.3932, 0.4274

Deuteranomaly

26.0653, 0.4073, 0.4159

Tritanomaly

26.1083, 0.3554, 0.3563

Monochromacy



Original Color

26.0785, 0.3920, 0.4279

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.2776, 0.3415, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0785, 0.3920, 0.4279 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(153, 140, 78)` looks like.

```
.text, #text, p{  
    color:rgb(153, 140, 78)  
}
```

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(153, 140, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 140, 78) }
```

Border

The CSS property to change the border of an element to Yxy 26.0785, 0.3920, 0.4279 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(153, 140, 78) }
```

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

```
.border{ border-color:rgb(153, 140, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 140, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 140, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 140, 78);  
box-shadow:4px 4px 4px 4px rgb(153, 140,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0785, 0.3920, 0.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 140, 78) }
```

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

```
.background{ background-color: rgb(153,  
140, 78) }
```

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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