

Converting Colors

$Y_{xy}(26.4007, 0.3989, 0.4223)$

Have a look what the booklet for
Yxy(26.4007, 0.3989, 0.4223)
contains.

Yxy(26.4007, 0.3989, 0.4223)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4007, 0.3989, 0.4223)

Conversions

Conversions Part 1

Format	Color
Hex	9F8B4F
RGB	159, 139, 79
RGB Percent	62%, 55%, 31%
CMY	0.3766, 0.4548, 0.6902
CMYK	0.00, 0.13, 0.50, 0.38
HSL	45°, 34%, 47%
HSV	45°, 50%, 62%
XYZ	24.9378, 26.4007, 11.1779
YIQ	138.1400, 31.1800, -14.4200

Conversions

Conversions Part 2

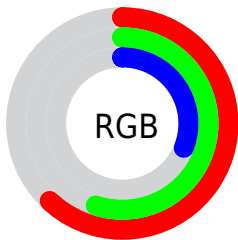
Format	Color
R_{YB}	106, 159, 79
Decimal	10455887
CIE Lab	58.42, -0.66, 34.65
CIE LCh	58, 34.661, 91.096
Yxy	26.4007, 0.3989, 0.4223
Android (android.graphics.Color)	4288645967 (0xFF9F8B4F)
YUV	138.1400, -29.1560, 18.2942
Hunter-Lab	51.3816, -3.2837, 23.0687

Details

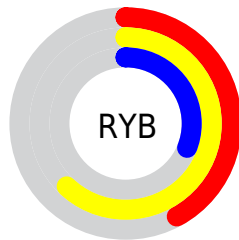
The Yxy color **26.4007, 0.3989, 0.4223** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.0798, 0.2263, 0.2123**, and the grayscale version is **25.5759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7313, 0.3821, 0.4039**, and **10.2523, 0.4246, 0.4507** is the 20% darker color. If you saturate the color by 10%, you get **25.0692, 0.4170, 0.4380**, and if you desaturate by 10%, it is **27.8318, 0.3804, 0.4045**.

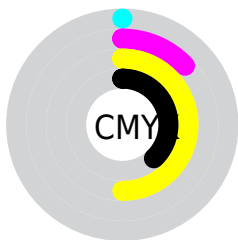
Distribution



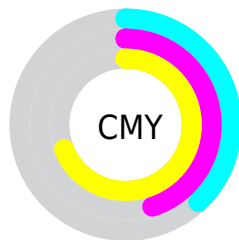
- Red (62%)
- Green (55%)
- Blue (31%)



- Red (42%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (50%)
- Black (38%)




- Cyan (38%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4007, 0.3989, 0.4223 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 26.4007, 0.3989, 0.4223 by changing the saturation by 10% instead.


 26.4007, 0.3989,
0.4223


 26.4007, 0.3989,
0.4223


284.7436, 0.3531,
0.3726


 17.1236, 0.4106,
0.4351


 53.9207, 0.3819,
0.4037


 10.3227, 0.4254,
0.4514


 72.9324, 0.3756,
0.3969

 5.6134, 0.4438,
0.4719

 95.9578, 0.3703,
0.3912

 2.6115, 0.4839,
0.5161

 123.3812, 0.3658,
0.3863

 0.9324, 0.4826,
0.5174

 155.5871, 0.3619,
0.3821

 0.0000, 0.0000,
0.0000

192.9599, 0.3586,

0.3785

235.8839, 0.3557,
0.3753

■ 26.4007, 0.3989,
0.4223

■ 26.4007, 0.3989,
0.4223

■ 25.0692, 0.4170,
0.4380

■ 27.8318, 0.3804,
0.4045

■ 23.8290, 0.4339,
0.4507

■ 29.3627, 0.3622,
0.3857

■ 22.6765, 0.4488,
0.4595

■ 30.9985, 0.3447,
0.3665

■ 21.6058, 0.4611,
0.4637

■ 32.7426, 0.3283,
0.3477

■ 20.6332, 0.4709,
0.4643

■ 34.5983, 0.3132,
0.3295

■ 36.5686, 0.2993,
0.3124

■ 38.6566, 0.2867,
0.2964

■ 40.8651, 0.2754,
0.2816

■ 43.1967, 0.2653,
0.2680

Harmonies

Analogous

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



26.4007, 0.4272, 0.3858



26.4007, 0.3989, 0.4223



26.4007, 0.3487, 0.4358

Triad

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



26.4007, 0.3989, 0.4223



26.4007, 0.2138, 0.3011



26.4007, 0.3263, 0.2618

Complementary

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



26.4007, 0.3989, 0.4223



13.0798, 0.2263, 0.2123

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.



26.4007, 0.2695, 0.2409



26.4007, 0.3989, 0.4223



26.4007, 0.2092, 0.2586

Square

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



26.4007, 0.3989, 0.4223



26.4007, 0.2426, 0.3597



26.4007, 0.2284, 0.2388



26.4007, 0.3842, 0.2972

Rectangle

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



26.4007, 0.3989, 0.4223



26.4007, 0.3103, 0.4249



26.4007, 0.2284, 0.2388



26.4007, 0.3063, 0.2530

Sweetspot

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



26.4019, 0.3989, 0.4223



57.0814, 0.3364, 0.3570



13.8605, 0.4145, 0.2971



12.7299, 0.3396, 0.3607



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.4019, 0.3989, 0.4223



44.7223, 0.4184, 0.4392



30.8383, 0.3630, 0.4579



7.4398, 0.3267, 0.3457



16.3713, 0.4703, 0.4648



0.3546, 0.4463, 0.4838

Inverse Universe

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



13.0798, 0.2263, 0.2123



18.2375, 0.2068, 0.1822



10.7461, 0.2404, 0.1820



6.6909, 0.2988, 0.3117



3.2170, 0.1589, 0.0919



0.1182, 0.1785, 0.1626

Previews

White Background



This preview shows how the Yxy color 26.4007, 0.3989, 0.4223 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 26.4007, 0.3989, 0.4223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

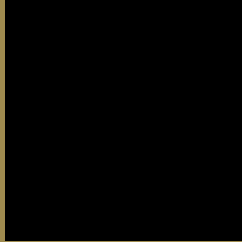
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4007, 0.3989, 0.4223

Background



This preview shows how black text looks on a background with the Yxy color 26.4007, 0.3989, 0.4223.



This preview shows how white text looks on a background with the Yxy color 26.4007, 0.3989, 0.4223.

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

26.4007, 0.3989, 0.4223

Protanopia

26.4990, 0.3905, 0.4259

Deuteranopia

26.2873, 0.4162, 0.4088



Tritanopia

26.4549, 0.3399, 0.3138

Trichromacy



Original Color

26.4007, 0.3989, 0.4223

Protanomaly

26.4033, 0.3936, 0.4236

Deuteranomaly

26.4030, 0.4099, 0.4132

Tritanomaly

26.4464, 0.3629, 0.3542

Monochromacy



Original Color

26.4007, 0.3989, 0.4223

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.5723, 0.3440, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4007, 0.3989, 0.4223 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(159, 139, 79)` looks like.

```
.text, #text, p{  
    color:rgb(159, 139, 79)  
}
```

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(159, 139, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 139, 79) }
```

Border

The CSS property to change the border of an element to Yxy 26.4007, 0.3989, 0.4223 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(159, 139, 79) }
```

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

```
.border{ border-color:rgb(159, 139, 79) }
```

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

Here you see how a box with a 4 pixel rgb(159, 139, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 139, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 139, 79);  
box-shadow:4px 4px 4px 4px rgb(159, 139,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4007, 0.3989, 0.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 139, 79) }
```

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

```
.background{ background-color: rgb(159,  
139, 79) }
```

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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