

Converting Colors

$Y_{xy}(26.9982, 0.3856, 0.5320)$

Have a look what the booklet for
Yxy(26.9982, 0.3856, 0.5320)
contains.

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Color

Yxy(26.9934, 0.3855, 0.5321)

Conversions

Conversions Part 1

Format	Color
Hex	7B9900
RGB	123, 153, 0
RGB Percent	48%, 60%, 0%
CMY	0.5178, 0.4000, 0.9999
CMYK	0.20, 0.00, 1.00, 0.40
HSL	72°, 100%, 30%
HSV	72°, 100%, 60%
XYZ	19.5564, 26.9934, 4.1801
YIQ	126.5880, 31.2330, -53.9430

Conversions

Conversions Part 2

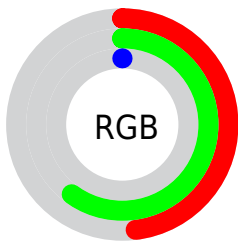
Format	Color
RYB	0, 153, 30
Decimal	8100096
CIELab	58.97, -27.96, 61.79
CIELCh	59, 67.818, 114.347
Yxy	26.9934, 0.3855, 0.5321
Android (android.graphics.Color)	4286290176 (0xFF7B9900)
YUV	126.5880, -62.4079, -3.1467
Hunter-Lab	51.9552, -23.7326, 31.5983

Details

The Yxy color **26.9934, 0.3855, 0.5321** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.5782, 0.1605, 0.0658**, and the grayscale version is **21.2847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6772, 0.3783, 0.4916**, and **10.7680, 0.3663, 0.5474** is the 20% darker color. If you saturate the color by 10%, you get **26.9940, 0.3855, 0.5321**, and if you desaturate by 10%, it is **27.2550, 0.3862, 0.5241**.

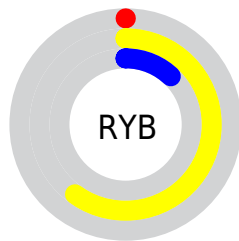
Distribution



Red (48%)

Green (60%)

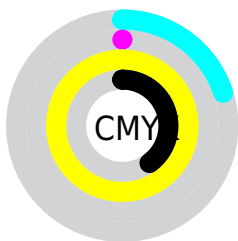
Blue (0%)



Red (0%)

Yellow (60%)

Blue (12%)

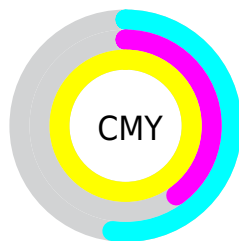


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (52%)


Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9934, 0.3855, 0.5321 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 26.9934, 0.3855, 0.5321 by changing the saturation by 10% instead.

 26.9934, 0.3855,
0.5321


 26.9934, 0.3855,
0.5321


287.6252, 0.3563,
0.4228


 17.5683, 0.3870,
0.5582


 54.8733, 0.3784,
0.4922


 10.6405, 0.3864,
0.5926


 74.0968, 0.3745,
0.4771


 5.8256, 0.3733,
0.6267

 97.3553, 0.3708,
0.4643

 2.7393, 0.3393,
0.6607

 125.0330, 0.3673,
0.4535


 0.9972, 0.2075,
0.7925

 157.5145, 0.3642,
0.4442

 0.0000, 0.0000,
0.0000


 195.1841, 0.3613,


0.4361


 238.4262, 0.3587,
0.4291


 26.9934, 0.3855,
0.5321


 26.9934, 0.3855,
0.5321


 26.9940, 0.3855,
0.5321

 27.2550, 0.3862,
0.5241

 27.5484, 0.3850,
0.5127

 27.8869, 0.3813,
0.4969

 28.2753, 0.3753,
0.4773

 28.7179, 0.3672,
0.4546

■ 29.2184, 0.3575,
0.4299

■ 29.7800, 0.3468,
0.4041

■ 30.4058, 0.3355,
0.3783

■ 31.0987, 0.3240,
0.3530

Harmonies

Analogous

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



26.9934, 0.4746, 0.4696



26.9934, 0.3855, 0.5321



26.9934, 0.2845, 0.5245

Triad

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



26.9934, 0.3855, 0.5321



26.9934, 0.1338, 0.2082



26.9934, 0.4255, 0.2535

Complementary

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



26.9934, 0.3855, 0.5321



2.5782, 0.1605, 0.0658

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.



26.9934, 0.3080, 0.2021



26.9934, 0.3855, 0.5321



26.9934, 0.1557, 0.1744

Square

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



26.9934, 0.3855, 0.5321



26.9934, 0.1452, 0.2888



26.9934, 0.2126, 0.1744



26.9934, 0.5132, 0.3194

Rectangle

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



26.9934, 0.3855, 0.5321



26.9934, 0.2223, 0.4605



26.9934, 0.2126, 0.1744



26.9934, 0.3866, 0.2341

Sweetspot

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



26.9946, 0.3855, 0.5321



53.2594, 0.3475, 0.4057



7.6077, 0.6185, 0.3471



11.6723, 0.3517, 0.4157



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.



26.9946, 0.3855, 0.5321



48.2578, 0.3848, 0.5326



23.4260, 0.3165, 0.5869



7.1616, 0.3232, 0.3512



22.3206, 0.3857, 0.5319



0.3476, 0.4018, 0.5192

Inverse Universe

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



2.5782, 0.1605, 0.0658



4.5514, 0.1592, 0.0651



5.2782, 0.2434, 0.1115



6.0818, 0.3017, 0.3062



2.1413, 0.1610, 0.0661



0.0446, 0.1959, 0.0853

Previews

White Background



This preview shows how the Yxy color 26.9934, 0.3855, 0.5321 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 26.9934, 0.3855, 0.5321 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 26.9934, 0.3855, 0.5321

Background



This preview shows how black text looks on a background with the Yxy color 26.9934, 0.3855, 0.5321.



This preview shows how white text looks on a background with the Yxy color 26.9934, 0.3855, 0.5321.

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

26.9934, 0.3855, 0.5321

Protanopia

26.8196, 0.4403, 0.4886

Deuteranopia

26.7130, 0.4647, 0.4545



Tritanopia

26.8801, 0.2959, 0.3110

Trichromacy



Original Color

26.9934, 0.3855, 0.5321

Protanomaly

26.7608, 0.4205, 0.5043

Deuteranomaly

26.4612, 0.4369, 0.4832

Tritanomaly

26.2461, 0.3445, 0.4148

Monochromacy



Original Color

26.9934, 0.3855, 0.5321

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.6380, 0.3586, 0.4296

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9934, 0.3855, 0.5321 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(123, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 153, 0)  
}
```

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(123, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.9934, 0.3855, 0.5321 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(123, 153, 0) }
```

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

```
.border{ border-color:rgb(123, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9934, 0.3855, 0.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 0) }
```

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

```
.background{ background-color: rgb(123,  
153, 0) }
```

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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