

Converting Colors

$Y_{xy}(26.8953, 0.3989, 0.5202)$

Have a look what the booklet for
Yxy(26.8953, 0.3989, 0.5202)
contains.

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Color

Yxy(26.8058, 0.3993, 0.5197)

Conversions

Conversions Part 1

Format	Color
Hex	859603
RGB	133, 150, 3
RGB Percent	52%, 59%, 1%
CMY	0.4784, 0.4117, 0.9877
CMYK	0.11, 0.00, 0.98, 0.41
HSL	67°, 96%, 30%
HSV	67°, 98%, 59%
XYZ	20.5956, 26.8058, 4.1779
YIQ	128.1590, 37.0550, -49.3210

Conversions

Conversions Part 2

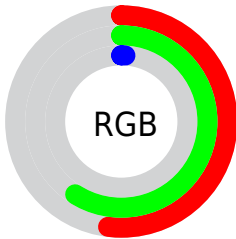
Format	Color
R_{YB}	3, 150, 20
Decimal	8754691
CIE _{Lab}	58.79, -22.07, 61.50
CIE _{LCh}	59, 65.338, 109.742
Yxy	26.8058, 0.3993, 0.5197
Android (android.graphics.Color)	4286944771 (0xFF859603)
YUV	128.1590, -61.7034, 4.2456
Hunter-Lab	51.7743, -19.5984, 31.4576

Details

The Yxy color **26.8058, 0.3993, 0.5197** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.4201, 0.1565, 0.0649**, and the grayscale version is **21.8587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6008, 0.3895, 0.4834**, and **10.5859, 0.3860, 0.5317** is the 20% darker color. If you saturate the color by 10%, you get **26.7708, 0.3994, 0.5211**, and if you desaturate by 10%, it is **26.9868, 0.3983, 0.5127**.

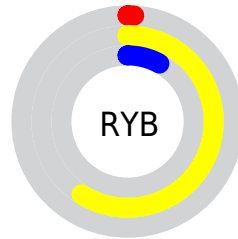
Distribution



Red (52%)

Green (59%)

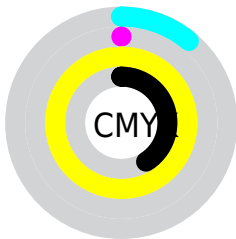
Blue (1%)



Red (1%)

Yellow (59%)

Blue (8%)

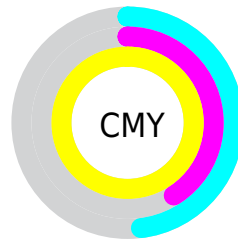


Cyan (11%)

Magenta (0%)

Yellow (98%)

Black (41%)



Cyan (48%)


Magenta (41%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8058, 0.3993, 0.5197 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 26.8058, 0.3993, 0.5197 by changing the saturation by 10% instead.


 26.8058, 0.3993,
0.5197


 26.8058, 0.3993,
0.5197


286.7156, 0.3620,
0.4187


 17.4274, 0.4032,
0.5431


 54.5721, 0.3889,
0.4834


 10.5397, 0.4061,
0.5734


 73.7288, 0.3839,
0.4694

 5.7582, 0.3977,
0.6023

 96.9137, 0.3793,
0.4576

 2.6986, 0.3709,
0.6291

 124.5113, 0.3751,
0.4475

 0.9765, 0.2836,
0.7164


 156.9058, 0.3713,
0.4387


 0.0000, 0.0000,
0.0000


 194.4818, 0.3679,

0.4312


 237.6236, 0.3648,
0.4245


 26.8058, 0.3993,
0.5197

 26.8058, 0.3993,
0.5197


 26.7708, 0.3994,
0.5211

 26.9868, 0.3983,
0.5127

 27.1982, 0.3952,
0.5020

 27.4494, 0.3896,
0.4870

 27.7449, 0.3817,
0.4683

 28.0885, 0.3718,
0.4466

■ 28.4836, 0.3605,
0.4228

■ 28.9333, 0.3482,
0.3978

■ 29.4404, 0.3354,
0.3726

■ 30.0075, 0.3226,
0.3479

Harmonies

Analogous

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



26.8058, 0.4817, 0.4557



26.8058, 0.3993, 0.5197



26.8058, 0.3013, 0.5248

Triad

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



26.8058, 0.3993, 0.5197



26.8058, 0.1378, 0.2209



26.8058, 0.4049, 0.2469

Complementary

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



26.8058, 0.3993, 0.5197



2.4201, 0.1565, 0.0649

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.



26.8058, 0.2921, 0.1996



26.8058, 0.3993, 0.5197



26.8058, 0.1543, 0.1813

Square

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



26.8058, 0.3993, 0.5197



26.8058, 0.1549, 0.3074



26.8058, 0.2046, 0.1765



26.8058, 0.4976, 0.3101

Rectangle

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



26.8058, 0.3993, 0.5197



26.8058, 0.2387, 0.4727



26.8058, 0.2046, 0.1765



26.8058, 0.3666, 0.2288

Sweetspot

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



26.8070, 0.3993, 0.5197



50.9196, 0.3503, 0.4020



6.9179, 0.6255, 0.3378



11.2154, 0.3551, 0.4117



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.8070, 0.3993, 0.5197



47.1927, 0.3990, 0.5214



22.8410, 0.3261, 0.5773



6.7109, 0.3243, 0.3510



22.2106, 0.3996, 0.5209



0.2796, 0.4100, 0.5127

Inverse Universe

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



2.4201, 0.1565, 0.0649



4.0617, 0.1540, 0.0622



4.5070, 0.2266, 0.1034



5.6632, 0.3006, 0.3063



1.9360, 0.1553, 0.0629



0.0300, 0.1786, 0.0758

Previews

White Background



This preview shows how the Yxy color 26.8058, 0.3993, 0.5197 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 26.8058, 0.3993, 0.5197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

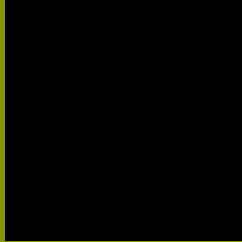
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8058, 0.3993, 0.5197

Background



This preview shows how black text looks on a background with the Yxy color 26.8058, 0.3993, 0.5197.



This preview shows how white text looks on a background with the Yxy color 26.8058, 0.3993, 0.5197.

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

26.8058, 0.3993, 0.5197

Protanopia

26.7169, 0.4392, 0.4895

Deuteranopia

26.5854, 0.4644, 0.4562



Tritanopia

26.5965, 0.3071, 0.3113

Trichromacy



Original Color

26.8058, 0.3993, 0.5197

Protanomaly

26.7370, 0.4249, 0.5003

Deuteranomaly

26.4780, 0.4415, 0.4796

Tritanomaly

26.0834, 0.3561, 0.4074

Monochromacy



Original Color

26.8058, 0.3993, 0.5197

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.9787, 0.3615, 0.4245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8058, 0.3993, 0.5197 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(133, 150, 3)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 3)  
}
```

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(133, 150, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 3) }
```

Border

The CSS property to change the border of an element to Yxy 26.8058, 0.3993, 0.5197 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(133, 150, 3) }
```

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

```
.border{ border-color:rgb(133, 150, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 3);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
3) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8058, 0.3993, 0.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 3) }
```

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

```
.background{ background-color: rgb(133,  
150, 3) }
```

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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