

Converting Colors

$Y_{xy}(26.3898, 0.3542, 0.4496)$

Have a look what the booklet for
Yxy(26.3898, 0.3542, 0.4496)
contains.

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Color

Yxy(26.5861, 0.3541, 0.4495)

Conversions

Conversions Part 1

Format	Color
Hex	7F9550
RGB	127, 149, 80
RGB Percent	50%, 58%, 31%
CMY	0.5021, 0.4156, 0.6863
CMYK	0.15, 0.00, 0.46, 0.42
HSL	79°, 30%, 45%
HSV	79°, 46%, 58%
XYZ	20.9436, 26.5861, 11.6163
YIQ	134.5560, 9.0370, -26.1230

Conversions

Conversions Part 2

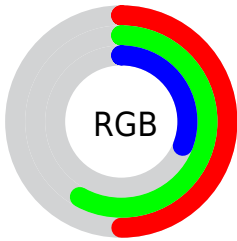
Format	Color
R_YB	80, 149, 102
Decimal	8361296
CIE _{Lab}	58.59, -19.50, 33.75
CIE _{LCh}	59, 38.977, 120.028
Yxy	26.5861, 0.3541, 0.4495
Android (android.graphics.Color)	4286551376 (0xFF7F9550)
YUV	134.5560, -26.8961, -6.6266
Hunter-Lab	51.5617, -17.7290, 22.7358

Details

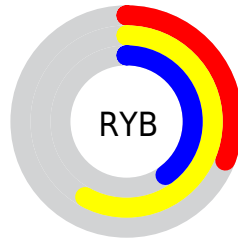
The Yxy color $26.5861, 0.3541, 0.4495$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $10.7347, 0.2538, 0.1977$, and the grayscale version is $24.1525, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.1743, 0.3470, 0.4224$, and $10.3761, 0.3631, 0.4952$ is the 20% darker color. If you saturate the color by 10%, you get $26.0341, 0.3606, 0.4751$, and if you desaturate by 10%, it is $27.2066, 0.3462, 0.4227$.

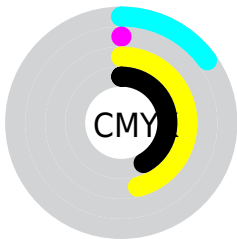
Distribution



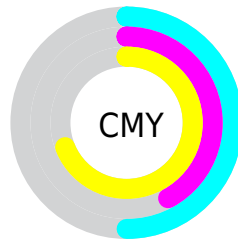
- Red (50%)
- Green (58%)
- Blue (31%)



- Red (31%)
- Yellow (58%)
- Blue (40%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (42%)





- Cyan (50%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5861, 0.3541, 0.4495 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 26.5861, 0.3541, 0.4495 by changing the saturation by 10% instead.


 26.5861, 0.3541,
0.4495


 26.5861, 0.3541,
0.4495


285.6475, 0.3338,
0.3818

 17.2626, 0.3584,
0.4688


 54.2190, 0.3471,
0.4231


 10.4219, 0.3629,
0.4949


 73.2972, 0.3444,
0.4137


 5.6796, 0.3664,
0.5314

 96.3957, 0.3420,
0.4060

 2.6512, 0.3843,
0.6157

 123.8990, 0.3399,
0.3996

 0.9525, 0.3099,
0.6901

 156.1914, 0.3381,
0.3941

 0.0000, 0.0000,
0.0000

193.6574, 0.3365,

0.3894

236.6812, 0.3351,
0.3854

■ 26.5861, 0.3541,
0.4495

■ 26.5861, 0.3541,
0.4495

■ 26.0341, 0.3606,
0.4751

■ 27.2066, 0.3462,
0.4227

■ 25.5435, 0.3654,
0.4984

■ 27.8953, 0.3374,
0.3956

■ 25.1116, 0.3679,
0.5182


■ 28.6562, 0.3280,
0.3693

■ 24.7340, 0.3680,
0.5337

■ 29.4922, 0.3186,
0.3441

■ 24.4040, 0.3659,
0.5447

■ 30.4059, 0.3093,
0.3205

 24.2891, 0.3649,
0.5484

 31.3996, 0.3004,
0.2988

 32.4759, 0.2919,
0.2789

 33.6367, 0.2839,
0.2608

 34.8844, 0.2764,
0.2445

Harmonies

Analogous

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



26.5861, 0.4098, 0.4312



26.5861, 0.3541, 0.4495



26.5861, 0.2903, 0.4261

Triad

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



26.5861, 0.3541, 0.4495



26.5861, 0.1980, 0.2513



26.5861, 0.3908, 0.2917

Complementary

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



26.5861, 0.3541, 0.4495



10.7347, 0.2538, 0.1977

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.



26.5861, 0.3251, 0.2535



26.5861, 0.3541, 0.4495



26.5861, 0.2180, 0.2294

Square

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



26.5861, 0.3541, 0.4495



26.5861, 0.2038, 0.2990



26.5861, 0.2623, 0.2312



26.5861, 0.4351, 0.3393

Rectangle

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



26.5861, 0.3541, 0.4495



26.5861, 0.2520, 0.3883



26.5861, 0.2623, 0.2312



26.5861, 0.3701, 0.2776

Sweetspot

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



26.5873, 0.3541, 0.4495



51.6030, 0.3261, 0.3640



16.4436, 0.4147, 0.3670



11.3731, 0.3280, 0.3691



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.



26.5873, 0.3541, 0.4495



46.5387, 0.3611, 0.4771



24.3870, 0.3178, 0.4647



6.6527, 0.3213, 0.3512



20.4552, 0.3653, 0.5482



0.2662, 0.3915, 0.5274

Inverse Universe

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



10.7347, 0.2538, 0.1977



14.4151, 0.2362, 0.1643



13.1717, 0.3000, 0.2135



5.7175, 0.3036, 0.3065



2.3616, 0.1748, 0.0737



0.0434, 0.2216, 0.0994

Previews

White Background



This preview shows how the Yxy color 26.5861, 0.3541, 0.4495 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 26.5861, 0.3541, 0.4495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

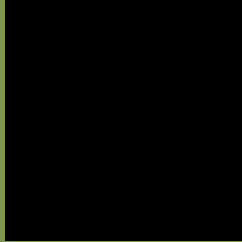
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5861, 0.3541, 0.4495

Background



This preview shows how black text looks on a background with the Yxy color 26.5861, 0.3541, 0.4495.



This preview shows how white text looks on a background with the Yxy color 26.5861, 0.3541, 0.4495.

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

26.5861, 0.3541, 0.4495

Protanopia

26.5541, 0.3945, 0.4297

Deuteranopia

26.3482, 0.4121, 0.4034



Tritanopia

26.5510, 0.2968, 0.3109

Trichromacy



Original Color

26.5861, 0.3541, 0.4495

Protanomaly

26.5163, 0.3796, 0.4372

Deuteranomaly

26.0583, 0.3902, 0.4183

Tritanomaly

26.4394, 0.3187, 0.3599

Monochromacy



Original Color

26.5861, 0.3541, 0.4495

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.8995, 0.3294, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5861, 0.3541, 0.4495 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(127, 149, 80)` looks like.

```
.text, #text, p{  
    color:rgb(127, 149, 80)  
}
```

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(127, 149, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 149, 80) }
```

Border

The CSS property to change the border of an element to Yxy 26.5861, 0.3541, 0.4495 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(127, 149, 80) }
```

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

```
.border{ border-color:rgb(127, 149, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 149, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 149, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 149, 80);  
box-shadow:4px 4px 4px 4px rgb(127, 149,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5861, 0.3541, 0.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 149, 80) }
```

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

```
.background{ background-color: rgb(127,  
149, 80) }
```

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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