

Converting Colors

$Y_{xy}(26.7040, 0.3541, 0.4193)$

Have a look what the booklet for
Yxy(26.7040, 0.3541, 0.4193)
contains.

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Color

$\text{Yxy}(26.6664, 0.3552, 0.4196)$

Conversions

Conversions Part 1

Format	Color
Hex	89925D
RGB	137, 146, 93
RGB Percent	54%, 57%, 36%
CMY	0.4627, 0.4275, 0.6353
CMYK	0.06, 0.00, 0.36, 0.43
HSL	70°, 22%, 47%
HSV	70°, 36%, 57%
XYZ	22.5737, 26.6664, 14.3119
YIQ	137.2670, 11.6490, -18.3910

Conversions

Conversions Part 2

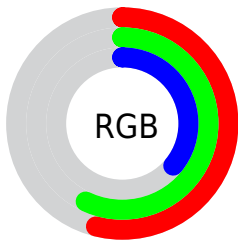
Format	Color
R_{YB}	93, 146, 102
Decimal	9015901
CIE _{Lab}	58.66, -12.19, 27.04
CIE _{LCh}	59, 29.662, 114.262
Yxy	26.6664, 0.3552, 0.4196
Android (android.graphics.Color)	4287205981 (0xFF89925D)
YUV	137.2670, -21.8236, -0.2342
Hunter-Lab	51.6395, -12.3398, 19.7154

Details

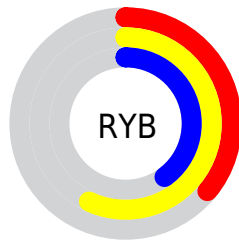
The Yxy color $26.6664, 0.3552, 0.4196$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.7263, 0.2595, 0.2265$, and the grayscale version is $25.2050, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3985, 0.3469, 0.4001$, and $10.5414, 0.3666, 0.4539$ is the 20% darker color. If you saturate the color by 10%, you get $26.2265, 0.3658, 0.4444$, and if you desaturate by 10%, it is $27.1629, 0.3438, 0.3941$.

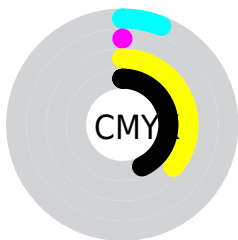
Distribution



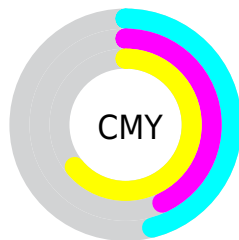
- Red (54%)
- Green (57%)
- Blue (36%)



- Red (36%)
- Yellow (57%)
- Blue (40%)



- Cyan (6%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6664, 0.3552, 0.4196 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 26.6664, 0.3552, 0.4196 by changing the saturation by 10% instead.

■ 26.6664, 0.3552,
0.4196

■ 26.6664, 0.3552,
0.4196

286.0382, 0.3331,
0.3692

■ 17.3228, 0.3607,
0.4340

■ 54.3481, 0.3471,
0.4000

■ 10.4649, 0.3675,
0.4535

■ 73.4550, 0.3441,
0.3930

■ 5.7083, 0.3758,
0.4811

■ 96.5851, 0.3415,
0.3873

■ 2.6685, 0.3936,
0.5345

■ 124.1229, 0.3393,
0.3825

■ 0.9612, 0.3898,
0.6102

156.4527, 0.3375,
0.3784

■ 0.0000, 0.0000,
0.0000

193.9589, 0.3358,

0.3749

237.0260, 0.3344,
0.3718

■ 26.6664, 0.3552,
0.4196

■ 26.6664, 0.3552,
0.4196

■ 26.2265, 0.3658,
0.4444

■ 27.1629, 0.3438,
0.3941

■ 25.8367, 0.3749,
0.4674

■ 27.7150, 0.3319,
0.3687

■ 25.4952, 0.3823,
0.4877

■ 28.3263, 0.3201,
0.3440

■ 25.1983, 0.3874,
0.5045


■ 28.9992, 0.3085,
0.3205

■ 24.9421, 0.3900,
0.5170

■ 29.7358, 0.2974,
0.2985


 24.7202, 0.3903,
0.5255

 30.5382, 0.2870,
0.2782

 24.6419, 0.3903,
0.5283

 31.4084, 0.2772,
0.2596

 32.3481, 0.2682,
0.2427

 33.3593, 0.2599,
0.2274

Harmonies

Analogous

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



26.6664, 0.3947, 0.4040



26.6664, 0.3552, 0.4196



26.6664, 0.3062, 0.4068

Triad

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



26.6664, 0.3552, 0.4196



26.6664, 0.2220, 0.2758



26.6664, 0.3635, 0.2939

Complementary

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



26.6664, 0.3552, 0.4196



12.7263, 0.2595, 0.2265

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.



26.6664, 0.3130, 0.2652



26.6664, 0.3552, 0.4196



26.6664, 0.2342, 0.2534

Square

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



26.6664, 0.3552, 0.4196



26.6664, 0.2312, 0.3166



26.6664, 0.2662, 0.2505



26.6664, 0.4011, 0.3313

Rectangle

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



26.6664, 0.3552, 0.4196



26.6664, 0.2749, 0.3822



26.6664, 0.2662, 0.2505



26.6664, 0.3472, 0.2831

Sweetspot

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



26.6676, 0.3552, 0.4196



49.4286, 0.3259, 0.3560



16.3703, 0.3911, 0.3449



10.9677, 0.3273, 0.3589



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.6676, 0.3552, 0.4196



46.3724, 0.3643, 0.4409



24.7050, 0.3258, 0.4289



6.6955, 0.3235, 0.3510



21.6940, 0.3904, 0.5282



0.2761, 0.4054, 0.5163

Inverse Universe

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



12.7263, 0.2595, 0.2265



17.8756, 0.2439, 0.1983



14.5180, 0.2930, 0.2356



5.6774, 0.3014, 0.3063



2.0122, 0.1589, 0.0649



0.0335, 0.1908, 0.0825

Previews

White Background



This preview shows how the Yxy color 26.6664, 0.3552, 0.4196 looks on a white background.

Color Contrast Check

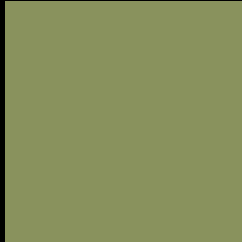
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6664, 0.3552, 0.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

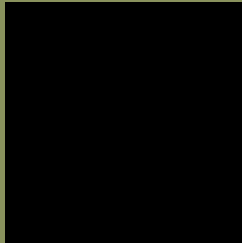
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6664, 0.3552, 0.4196

Background



This preview shows how black text looks on a background with the Yxy color 26.6664, 0.3552, 0.4196.



This preview shows how white text looks on a background with the Yxy color 26.6664, 0.3552, 0.4196.

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

26.6664, 0.3552, 0.4196

Protanopia

26.5774, 0.3785, 0.4098

Deuteranopia

26.5892, 0.3972, 0.3898



Tritanopia

26.5965, 0.3071, 0.3113

Trichromacy



Original Color

26.6664, 0.3552, 0.4196

Protanomaly

26.6207, 0.3693, 0.4133

Deuteranomaly

26.4415, 0.3814, 0.4008

Tritanomaly

26.5937, 0.3247, 0.3508

Monochromacy



Original Color

26.6664, 0.3552, 0.4196

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.4550, 0.3289, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6664, 0.3552, 0.4196 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(137, 146, 93)` looks like.

```
.text, #text, p{  
    color:rgb(137, 146, 93)  
}
```

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(137, 146, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 146, 93) }
```

Border

The CSS property to change the border of an element to Yxy 26.6664, 0.3552, 0.4196 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(137, 146, 93) }
```

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

```
.border{ border-color:rgb(137, 146, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 146, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 146, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 146, 93);  
box-shadow:4px 4px 4px 4px rgb(137, 146,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6664, 0.3552, 0.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 146, 93) }
```

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

```
.background{ background-color: rgb(137,  
146, 93) }
```

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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