

Converting Colors

$Y_{xy}(28.1233, 0.3527, 0.3854)$

Have a look what the booklet for
Yxy(28.1233, 0.3527, 0.3854)
contains.

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Color

Yxy(28.1895, 0.3522, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	96926F
RGB	150, 146, 111
RGB Percent	59%, 57%, 44%
CMY	0.4117, 0.4274, 0.5646
CMYK	0.00, 0.03, 0.26, 0.41
HSL	54°, 16%, 51%
HSV	54°, 26%, 59%
XYZ	25.7278, 28.1895, 19.1315
YIQ	143.2060, 13.6190, -10.0370

Conversions

Conversions Part 2

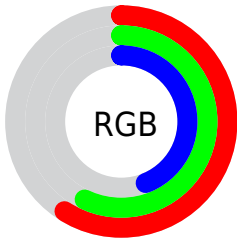
Format	Color
R_{YB}	115, 150, 111
Decimal	9867887
CIE _{Lab}	60.06, -4.40, 19.12
CIE _{LCh}	60, 19.619, 102.975
Yxy	28.1895, 0.3522, 0.3859
Android (android.graphics.Color)	4288057967 (0xFF96926F)
YUV	143.2060, -15.8776, 5.9583
Hunter-Lab	53.0938, -6.4180, 15.8015

Details

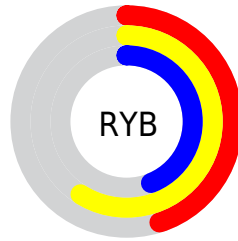
The Yxy color $28.1895, 0.3522, 0.3859$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.8525, 0.2700, 0.2649$, and the grayscale version is $27.6170, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9320, 0.3444, 0.3739$, and $11.3773, 0.3657, 0.4069$ is the 20% darker color. If you saturate the color by 10%, you get $27.4154, 0.3680, 0.4079$, and if you desaturate by 10%, it is $29.0281, 0.3365, 0.3636$.

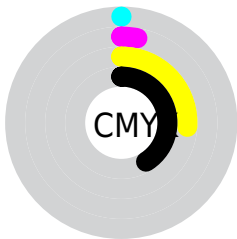
Distribution



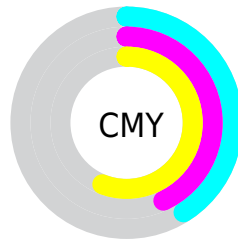
- Red (59%)
- Green (57%)
- Blue (44%)



- Red (45%)
- Yellow (59%)
- Blue (44%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (41%)





- Cyan (41%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1895, 0.3522, 0.3859 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 28.1895, 0.3522, 0.3859 by changing the saturation by 10% instead.


 28.1895, 0.3522,
0.3859


 28.1895, 0.3522,
0.3859


293.3713, 0.3311,
0.3549


 18.4686, 0.3579,
0.3946


 56.7868, 0.3442,
0.3740

 11.2869, 0.3654,
0.4063


 76.4320, 0.3413,
0.3697

 6.2602, 0.3757,
0.4228


 100.1541, 0.3389,
0.3661

 3.0039, 0.3904,
0.4477

 128.3374, 0.3368,
0.3632

 1.1338, 0.4574,
0.5426

161.3664, 0.3351,
0.3606

 0.0066, 0.0000,
1.0000

199.6255, 0.3336,

 0.0000, 0.0000,

0.3584

0.0000

243.4990, 0.3323,
0.3565

■ 28.1895, 0.3522,
0.3859

■ 28.1895, 0.3522,
0.3859

■ 27.4154, 0.3680,
0.4079

■ 29.0281, 0.3365,
0.3636

■ 26.6991, 0.3835,
0.4288

■ 29.9299, 0.3214,
0.3417

■ 26.0389, 0.3980,
0.4478

■ 30.8987, 0.3071,
0.3207

■ 25.4314, 0.4110,
0.4639

■ 31.9367, 0.2937,
0.3008

■ 24.8730, 0.4219,
0.4764

■ 33.0462, 0.2814,
0.2822

■ 24.3593, 0.4303,
0.4847

■ 34.2292, 0.2701,
0.2650

■ 23.8841, 0.4361,
0.4889

■ 35.4877, 0.2599,
0.2493

■ 23.6983, 0.4382,
0.4902

■ 36.8236, 0.2506,
0.2349

■ 38.2388, 0.2423,
0.2218

Harmonies

Analogous

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



28.1895, 0.3727, 0.3722



28.1895, 0.3522, 0.3859



28.1895, 0.3217, 0.3835

Triad

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



28.1895, 0.3522, 0.3859



28.1895, 0.2527, 0.3041



28.1895, 0.3341, 0.2975

Complementary

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



28.1895, 0.3522, 0.3859



17.8525, 0.2700, 0.2649

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.



28.1895, 0.3011, 0.2810



28.1895, 0.3522, 0.3859



28.1895, 0.2555, 0.2835

Square

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



28.1895, 0.3522, 0.3859



28.1895, 0.2649, 0.3338



28.1895, 0.2727, 0.2757



28.1895, 0.3623, 0.3216

Rectangle

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



28.1895, 0.3522, 0.3859



28.1895, 0.3000, 0.3720



28.1895, 0.2727, 0.2757



28.1895, 0.3232, 0.2909

Sweetspot

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



28.1908, 0.3522, 0.3859



52.4592, 0.3246, 0.3464



19.1105, 0.3598, 0.3214



11.5757, 0.3267, 0.3495



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.



28.1908, 0.3522, 0.3859



48.9631, 0.3611, 0.3984



28.1192, 0.3344, 0.3954



6.6439, 0.3262, 0.3487



19.6800, 0.4381, 0.4903



0.2645, 0.4279, 0.4985

Inverse Universe

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



17.8525, 0.2700, 0.2649



27.6575, 0.2594, 0.2486



18.0103, 0.2865, 0.2607



5.7232, 0.2989, 0.3085



2.1445, 0.1526, 0.0693



0.0451, 0.1639, 0.1099

Previews

White Background



This preview shows how the Yxy color 28.1895, 0.3522, 0.3859 looks on a white background.

Color Contrast Check

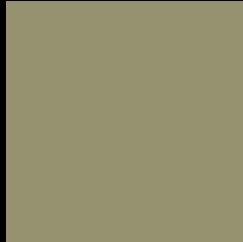
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1895, 0.3522, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

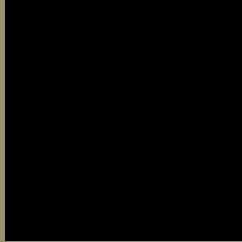
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

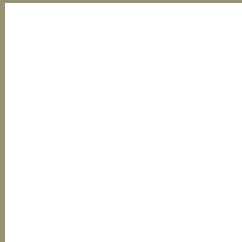
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1895, 0.3522, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 28.1895, 0.3522, 0.3859.



This preview shows how white text looks on a background with the Yxy color 28.1895, 0.3522, 0.3859.

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

28.1895, 0.3522, 0.3859

Protanopia

28.3451, 0.3593, 0.3850

Deuteranopia

28.0701, 0.3761, 0.3702



Tritanopia

28.2853, 0.3167, 0.3120

Trichromacy



Original Color

28.1895, 0.3522, 0.3859

Protanomaly

28.1489, 0.3570, 0.3854

Deuteranomaly

28.1972, 0.3666, 0.3759

Tritanomaly

28.2234, 0.3296, 0.3386

Monochromacy



Original Color

28.1895, 0.3522, 0.3859

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.6962, 0.3279, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1895, 0.3522, 0.3859 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(150, 146, 111)` looks like.

```
.text, #text, p{  
    color:rgb(150, 146, 111)  
}
```

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(150, 146, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 146, 111) }
```

Border

The CSS property to change the border of an element to Yxy 28.1895, 0.3522, 0.3859 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(150, 146, 111) }
```

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

```
.border{ border-color:rgb(150, 146, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 146, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 146, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 146, 111);  
box-shadow:4px 4px 4px 4px rgb(150, 146,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1895, 0.3522, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 146, 111) }
```

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

```
.background{ background-color: rgb(150,  
146, 111) }
```

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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