

Converting Colors

$Y_{xy}(15.9823, 0.3517, 0.3261)$

Have a look what the booklet for
Yxy(15.9823, 0.3517, 0.3261)
contains.

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Color

Yxy(15.9278, 0.3518, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	85686A
RGB	133, 104, 106
RGB Percent	52%, 41%, 42%
CMY	0.4786, 0.5921, 0.5843
CMYK	0.00, 0.22, 0.20, 0.48
HSL	356°, 12%, 46%
HSV	356°, 22%, 52%
XYZ	17.2200, 15.9278, 15.8005
YIQ	112.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

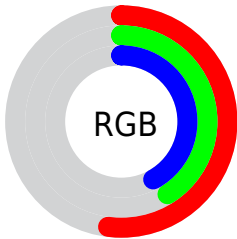
Format	Color
R_{YB}	133, 104, 106
Decimal	8743018
CIE _{Lab}	46.88, 11.89, 3.31
CIE _{LCh}	47, 12.343, 15.572
Yxy	15.9278, 0.3518, 0.3254
Android (android.graphics.Color)	4286933098 (0xFF85686A)
YUV	112.8990, -3.4012, 17.6286
Hunter-Lab	39.9096, 7.1765, 4.4634

Details

The Yxy color **15.9278, 0.3518, 0.3254** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3475, 0.2835, 0.3327**, and the grayscale version is **16.4881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4418, 0.3430, 0.3264**, and **5.0810, 0.3704, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **13.2195, 0.3767, 0.3237**, and if you desaturate by 10%, it is **19.0969, 0.3316, 0.3271**.

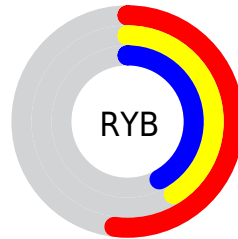
Distribution



Red (52%)

Green (41%)

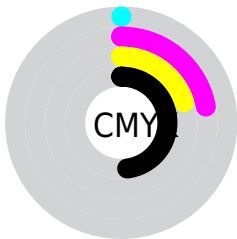
Blue (42%)



Red (52%)

Yellow (41%)

Blue (42%)

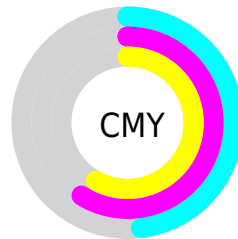


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (48%)



Cyan (48%)

Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9278, 0.3518, 0.3254 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 15.9278, 0.3518, 0.3254 by changing the saturation by 10% instead.


 15.9278, 0.3518,
0.3254


 15.9278, 0.3518,
0.3254

228.9153, 0.3287,
0.3277


 9.4731, 0.3593,
0.3245


 36.4728, 0.3423,
0.3264


 5.0510, 0.3703,
0.3231

 51.3319, 0.3391,
0.3268

 2.2772, 0.3880,
0.3206

 69.7612, 0.3365,
0.3270

 0.7616, 0.4302,
0.3193

 92.1452, 0.3344,
0.3272

 0.0000, 0.0000,
0.0000

118.8682, 0.3326,
0.3274

150.3146, 0.3311,

0.3275

186.8688, 0.3298,
0.3276

■ 15.9278, 0.3518,
0.3254

■ 15.9278, 0.3518,
0.3254

■ 13.2195, 0.3767,
0.3237

■ 19.0969, 0.3316,
0.3271

■ 10.9485, 0.4071,
0.3220

■ 22.7446, 0.3153,
0.3287

■ 9.0926, 0.4434,
0.3206


■ 26.8903, 0.3021,
0.3302


■ 7.6265, 0.4849,
0.3197


■ 31.5518, 0.2913,
0.3316

■ 6.5226, 0.5294,
0.3197


■ 36.7460, 0.2826,
0.3328


 5.7492, 0.5724,
0.3209


 42.4890, 0.2754,
0.3339

 5.2696, 0.6078,
0.3233

 48.7962, 0.2694,
0.3349

 5.0034, 0.6296,
0.3242

 55.6824, 0.2644,
0.3359

 63.1619, 0.2603,
0.3367

Harmonies

Analogous

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



15.9278, 0.3312, 0.3062



15.9278, 0.3518, 0.3254



15.9278, 0.3615, 0.3462

Triad

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



15.9278, 0.3518, 0.3254



15.9278, 0.3177, 0.3691



15.9278, 0.2695, 0.2934

Complementary

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



15.9278, 0.3518, 0.3254



21.3475, 0.2835, 0.3327

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.



15.9278, 0.2663, 0.3087



15.9278, 0.3518, 0.3254



15.9278, 0.2935, 0.3535

Square

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



15.9278, 0.3518, 0.3254



15.9278, 0.3412, 0.3725



15.9278, 0.2749, 0.3308



15.9278, 0.2838, 0.2879

Rectangle

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



15.9278, 0.3518, 0.3254



15.9278, 0.3604, 0.3585



15.9278, 0.2749, 0.3308



15.9278, 0.2671, 0.2975

Sweetspot

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



15.9285, 0.3518, 0.3254



37.1232, 0.3236, 0.3279



16.3865, 0.3119, 0.2767



8.2973, 0.3244, 0.3278



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



15.9285, 0.3518, 0.3254



26.1001, 0.3632, 0.3246



18.4924, 0.3501, 0.3515



4.6935, 0.3269, 0.3276



4.7692, 0.6293, 0.3240



0.0168, 0.5847, 0.2995

Inverse Universe

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



15.9285, 0.3518, 0.3254



26.1001, 0.3632, 0.3246



18.2879, 0.2800, 0.3054



4.6935, 0.3269, 0.3276



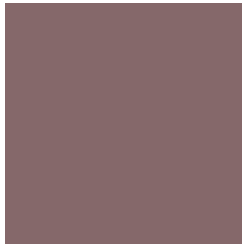
4.7692, 0.6293, 0.3240



0.0168, 0.5847, 0.2995

Previews

White Background



This preview shows how the Yxy color 15.9278, 0.3518, 0.3254 looks on a white background.

Color Contrast Check

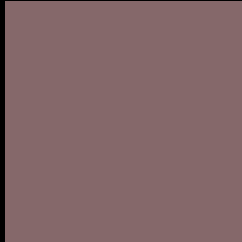
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 15.9278, 0.3518, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

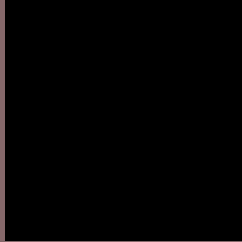
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9278, 0.3518, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 15.9278, 0.3518, 0.3254.



This preview shows how white text looks on a background with the Yxy color 15.9278, 0.3518, 0.3254.

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

15.9278, 0.3518, 0.3254

Protanopia

16.0721, 0.3180, 0.3310

Deuteranopia

16.0301, 0.3390, 0.3350



Tritanopia

15.9165, 0.3465, 0.3142

Trichromacy



Original Color

15.9278, 0.3518, 0.3254

Protanomaly

15.8942, 0.3294, 0.3271

Deuteranomaly

16.0473, 0.3436, 0.3330

Tritanomaly

15.8730, 0.3493, 0.3179

Monochromacy



Original Color

15.9278, 0.3518, 0.3254

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.2707, 0.3263, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9278, 0.3518, 0.3254 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, 104, 106)` looks like.

```
.text, #text, p{  
    color:rgb(133, 104, 106)  
}
```

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, 104, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 104, 106) }
```

Border

The CSS property to change the border of an element to Yxy 15.9278, 0.3518, 0.3254 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, 104, 106) }
```

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

```
.border{ border-color:rgb(133, 104, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 104, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 104, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 104, 106);  
box-shadow:4px 4px 4px 4px rgb(133, 104,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9278, 0.3518, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 104, 106) }
```

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

```
.background{ background-color: rgb(133,  
104, 106) }
```

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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