

Converting Colors

$Y_{xy}(15.8617, 0.3585, 0.2978)$

Have a look what the booklet for
Yxy(15.8617, 0.3585, 0.2978)
contains.

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Color

Yxy(15.8069, 0.3586, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	916173
RGB	145, 97, 115
RGB Percent	57%, 38%, 45%
CMY	0.4313, 0.6196, 0.5491
CMYK	0.00, 0.33, 0.21, 0.43
HSL	338°, 20%, 47%
HSV	338°, 33%, 57%
XYZ	19.0469, 15.8069, 18.2608
YIQ	113.4040, 22.8300, 15.7740

Conversions

Conversions Part 2

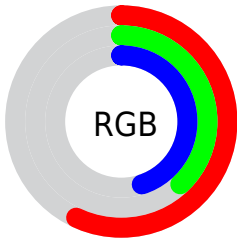
Format	Color
R_{YB}	145, 97, 115
Decimal	9527667
CIE _{Lab}	46.72, 22.25, -2.16
CIE _{LCh}	47, 22.353, 354.467
Yxy	15.8069, 0.3586, 0.2976
Android (android.graphics.Color)	4287717747 (0xFF916173)
YUV	113.4040, 0.7868, 27.7097
Hunter-Lab	39.7579, 15.9380, 0.5986

Details

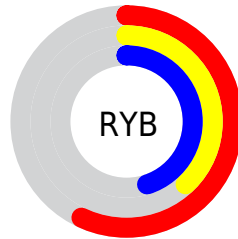
The Yxy color **15.8069, 0.3586, 0.2976** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.3291, 0.2819, 0.3631**, and the grayscale version is **16.6325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2492, 0.3477, 0.3046**, and **5.0136, 0.3787, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **13.1697, 0.3789, 0.2879**, and if you desaturate by 10%, it is **18.9560, 0.3416, 0.3075**.

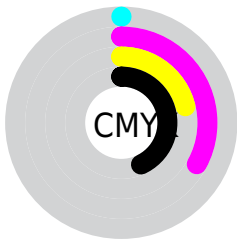
Distribution



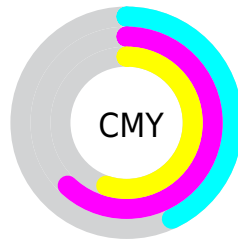
- Red (57%)
- Green (38%)
- Blue (45%)



- Red (57%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (43%)




- Cyan (43%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8069, 0.3586, 0.2976 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 15.8069, 0.3586, 0.2976 by changing the saturation by 10% instead.


 15.8069, 0.3586,
0.2976


 15.8069, 0.3586,
0.2976


228.1996, 0.3317,
0.3159

 9.3876, 0.3672,
0.2919


 36.2626, 0.3476,
0.3050


 4.9949, 0.3796,
0.2836

 51.0679, 0.3439,
0.3075

 2.2442, 0.3994,
0.2708

 69.4373, 0.3409,
0.3096

 0.7440, 0.4364,
0.2460

 91.7551, 0.3384,
0.3113

 0.0000, 1.0000,
0.0000

118.4059, 0.3363,
0.3127

 0.0000, 0.0000,
0.0000

149.7740, 0.3345,

0.3139

186.2437, 0.3330,
0.3150

■ 15.8069, 0.3586,
0.2976

■ 15.8069, 0.3586,
0.2976

■ 13.1697, 0.3789,
0.2879

■ 18.9560, 0.3416,
0.3075

■ 11.0149, 0.4027,
0.2791

■ 22.6401, 0.3275,
0.3171

■ 9.3133, 0.4301,
0.2720


■ 26.8834, 0.3159,
0.3263


■ 8.0317, 0.4602,
0.2677


■ 31.7082, 0.3063,
0.3348

■ 7.1322, 0.4917,
0.2675


■ 37.1353, 0.2985,
0.3427

 6.5700, 0.5226,
0.2721

 43.1847, 0.2920,
0.3500

 6.2901, 0.5434,
0.2767

 49.8755, 0.2866,
0.3567

 57.2256, 0.2821,
0.3628

 65.2527, 0.2784,
0.3683

Harmonies

Analogous

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



15.8069, 0.3135, 0.2713



15.8069, 0.3586, 0.2976



15.8069, 0.3920, 0.3318

Triad

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



15.8069, 0.3586, 0.2976



15.8069, 0.3511, 0.4100



15.8069, 0.2306, 0.2812

Complementary

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



15.8069, 0.3586, 0.2976



24.3291, 0.2819, 0.3631

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.



15.8069, 0.2390, 0.3180



15.8069, 0.3586, 0.2976



15.8069, 0.3069, 0.3979

Square

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



15.8069, 0.3586, 0.2976



15.8069, 0.3864, 0.3970



15.8069, 0.2662, 0.3624



15.8069, 0.2419, 0.2607

Rectangle

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



15.8069, 0.3586, 0.2976



15.8069, 0.4017, 0.3559



15.8069, 0.2662, 0.3624



15.8069, 0.2312, 0.2919

Sweetspot

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



15.8076, 0.3586, 0.2976



42.6365, 0.3239, 0.3198



15.0761, 0.2921, 0.2435



9.2815, 0.3254, 0.3187



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.



15.8076, 0.3586, 0.2976



24.5775, 0.3740, 0.2901



16.5054, 0.3832, 0.3392



5.4554, 0.3227, 0.3208



5.3990, 0.5418, 0.2758



0.0556, 0.4384, 0.2189

Inverse Universe

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



15.8076, 0.3586, 0.2976



24.5775, 0.3740, 0.2901



23.1706, 0.2658, 0.3185



5.4554, 0.3227, 0.3208



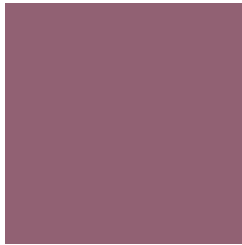
5.3990, 0.5418, 0.2758



0.0556, 0.4384, 0.2189

Previews

White Background



This preview shows how the Yxy color 15.8069, 0.3586, 0.2976 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 15.8069, 0.3586, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

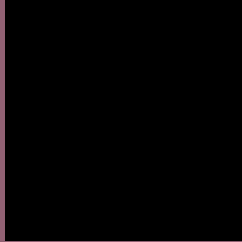
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8069, 0.3586, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 15.8069, 0.3586, 0.2976.



This preview shows how white text looks on a background with the Yxy color 15.8069, 0.3586, 0.2976.

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

15.8069, 0.3586, 0.2976

Protanopia

15.8969, 0.2970, 0.3030

Deuteranopia

15.9823, 0.3242, 0.3192



Tritanopia

15.8936, 0.3699, 0.3167

Trichromacy



Original Color

15.8069, 0.3586, 0.2976

Protanomaly

15.6702, 0.3182, 0.3002

Deuteranomaly

15.8614, 0.3363, 0.3102

Tritanomaly

15.7688, 0.3658, 0.3096

Monochromacy



Original Color

15.8069, 0.3586, 0.2976

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.0903, 0.3286, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8069, 0.3586, 0.2976 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(145, 97, 115)` looks like.

```
.text, #text, p{  
  color:rgb(145, 97, 115)  
}
```

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(145, 97, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 97, 115) }
```

Border

The CSS property to change the border of an element to Yxy 15.8069, 0.3586, 0.2976 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(145, 97, 115) }
```

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

```
.border{ border-color:rgb(145, 97, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 97, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 97, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 97, 115);  
box-shadow:4px 4px 4px 4px rgb(145, 97,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8069, 0.3586, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 97, 115) }
```

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

```
.background{ background-color: rgb(145, 97,  
115) }
```

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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