

Converting Colors

$Y_{xy}(15.0149, 0.3588, 0.2913)$

Have a look what the booklet for
Yxy(15.0149, 0.3588, 0.2913)
contains.

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Color

Yxy(14.9958, 0.3584, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	905D73
RGB	144, 93, 115
RGB Percent	56%, 36%, 45%
CMY	0.4354, 0.6352, 0.5491
CMYK	0.00, 0.35, 0.20, 0.44
HSL	334°, 22%, 46%
HSV	334°, 35%, 56%
XYZ	18.5072, 14.9958, 18.1354
YIQ	110.7570, 23.3340, 17.6540

Conversions

Conversions Part 2

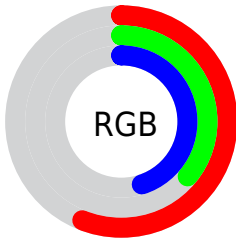
Format	Color
R_{YB}	144, 93, 115
Decimal	9461107
CIE _{Lab}	45.63, 24.16, -3.78
CIE _{LCh}	46, 24.459, 351.099
Yxy	14.9958, 0.3584, 0.2904
Android (android.graphics.Color)	4287651187 (0xFF905D73)
YUV	110.7570, 2.0918, 29.1541
Hunter-Lab	38.7244, 17.5412, -0.6596

Details

The Yxy color **14.9958, 0.3584, 0.2904** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6735, 0.2825, 0.3716**, and the grayscale version is **15.8114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8787, 0.3475, 0.2993**, and **4.6345, 0.3788, 0.2741** is the 20% darker color. If you saturate the color by 10%, you get **12.5218, 0.3773, 0.2794**, and if you desaturate by 10%, it is **17.9639, 0.3424, 0.3017**.

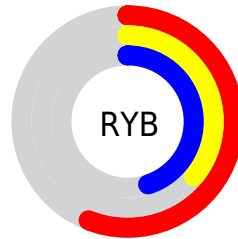
Distribution



Red (56%)

Green (36%)

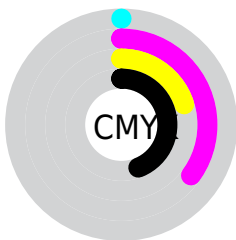
Blue (45%)



Red (56%)

Yellow (36%)

Blue (45%)

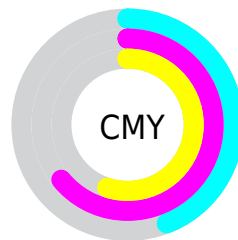


Cyan (0%)

Magenta (35%)

Yellow (20%)

Black (44%)



Cyan (44%)


Magenta (64%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9958, 0.3584, 0.2904 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 14.9958, 0.3584, 0.2904 by changing the saturation by 10% instead.


 14.9958, 0.3584,
0.2904


 14.9958, 0.3584,
0.2904

223.3408, 0.3315,
0.3128


 8.8164, 0.3670,
0.2834


 34.8458, 0.3474,
0.2995


 4.6216, 0.3795,
0.2733

 49.2853, 0.3437,
0.3026

 2.0270, 0.3994,
0.2576

 67.2468, 0.3407,
0.3051

 0.6231, 0.4399,
0.2228

 89.1150, 0.3382,
0.3072

 0.0000, 1.0000,
0.0000

115.2740, 0.3361,
0.3089

 0.0000, 0.0000,
0.0000

146.1084, 0.3344,

0.3104

182.0026, 0.3329,
0.3117

■ 14.9958, 0.3584,
0.2904

■ 14.9958, 0.3584,
0.2904

■ 12.5218, 0.3773,
0.2794

■ 17.9639, 0.3424,
0.3017

■ 10.5125, 0.3994,
0.2695

■ 21.4491, 0.3290,
0.3128

■ 8.9388, 0.4243,
0.2617


■ 25.4754, 0.3179,
0.3235

■ 7.7673, 0.4515,
0.2570


■ 30.0648, 0.3087,
0.3335


■ 6.9597, 0.4797,
0.2567


■ 35.2380, 0.3011,
0.3428

 6.4629, 0.5075,
0.2613

 41.0146, 0.2948,
0.3514

 6.2761, 0.5203,
0.2640

 47.4135, 0.2896,
0.3593

 54.4525, 0.2853,
0.3665

 62.1489, 0.2817,
0.3731

Harmonies

Analogous

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



14.9958, 0.3076, 0.2630



14.9958, 0.3584, 0.2904



14.9958, 0.3981, 0.3271

Triad

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



14.9958, 0.3584, 0.2904



14.9958, 0.3600, 0.4191



14.9958, 0.2221, 0.2793

Complementary

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



14.9958, 0.3584, 0.2904



23.6735, 0.2825, 0.3716

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.



14.9958, 0.2335, 0.3217



14.9958, 0.3584, 0.2904



14.9958, 0.3114, 0.4095

Square

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



14.9958, 0.3584, 0.2904



14.9958, 0.3977, 0.4010



14.9958, 0.2654, 0.3717



14.9958, 0.2320, 0.2549

Rectangle

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



14.9958, 0.3584, 0.2904



14.9958, 0.4110, 0.3536



14.9958, 0.2654, 0.3717



14.9958, 0.2235, 0.2917

Sweetspot

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



14.9965, 0.3584, 0.2904



40.6874, 0.3241, 0.3174



13.9744, 0.2869, 0.2364



9.1398, 0.3255, 0.3161



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.



14.9965, 0.3584, 0.2904



23.1194, 0.3723, 0.2821



15.1594, 0.3914, 0.3353



5.4603, 0.3218, 0.3196



5.4716, 0.5190, 0.2632



0.0566, 0.4215, 0.2096

Inverse Universe

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



14.9965, 0.3584, 0.2904



23.1194, 0.3723, 0.2821



23.2676, 0.2635, 0.3225



5.4603, 0.3218, 0.3196



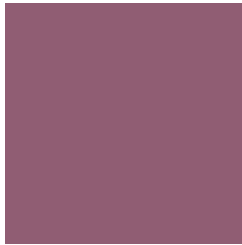
5.4716, 0.5190, 0.2632



0.0566, 0.4215, 0.2096

Previews

White Background



This preview shows how the Yxy color 14.9958, 0.3584, 0.2904 looks on a white background.

Color Contrast Check

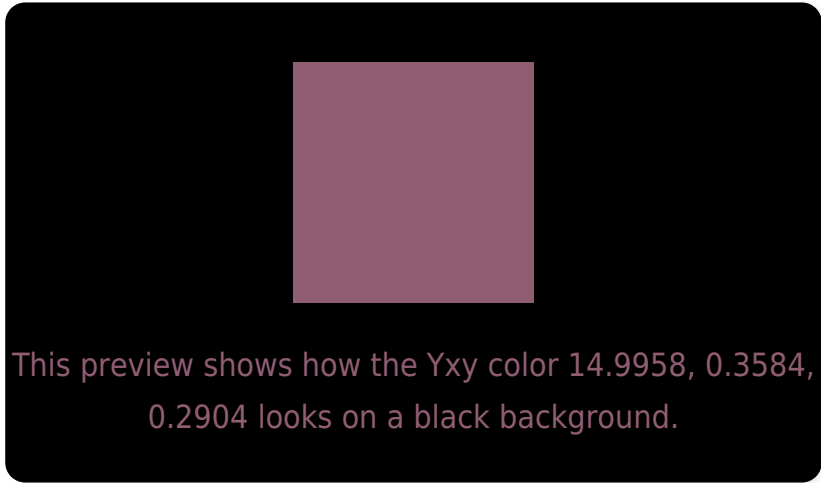
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

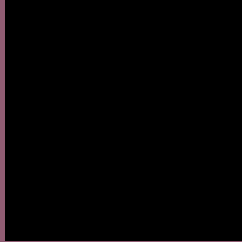
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9958, 0.3584, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 14.9958, 0.3584, 0.2904.



This preview shows how white text looks on a background with the Yxy color 14.9958, 0.3584, 0.2904.

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

14.9958, 0.3584, 0.2904

Protanopia

15.2445, 0.2907, 0.2965

Deuteranopia

15.0773, 0.3191, 0.3130



Tritanopia

14.9834, 0.3765, 0.3166

Trichromacy



Original Color

14.9958, 0.3584, 0.2904

Protanomaly

15.0740, 0.3130, 0.2940

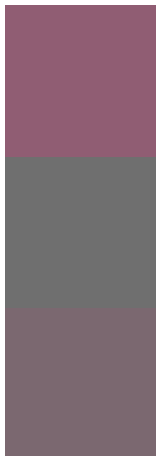
Deuteranomaly

15.0343, 0.3326, 0.3041

Tritanomaly

14.9066, 0.3691, 0.3059

Monochromacy



Original Color

14.9958, 0.3584, 0.2904

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.2814, 0.3290, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9958, 0.3584, 0.2904 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(144, 93, 115)` looks like.

```
.text, #text, p{  
    color:rgb(144, 93, 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(144, 93, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 93, 115) }
```

Border

The CSS property to change the border of an element to Yxy 14.9958, 0.3584, 0.2904 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(144, 93, 115) }
```

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

```
.border{ border-color:rgb(144, 93, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 93, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 93, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 93, 115);  
box-shadow:4px 4px 4px 4px rgb(144, 93,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9958, 0.3584, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 93, 115) }
```

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

```
.background{ background-color: rgb(144, 93,  
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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