

Converting Colors

$Y_{xy}(14.6384, 0.3597, 0.2906)$

Have a look what the booklet for
Yxy(14.6384, 0.3597, 0.2906)
contains.

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Color

Yxy(14.6862, 0.3604, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	8F5C71
RGB	143, 92, 113
RGB Percent	56%, 36%, 44%
CMY	0.4391, 0.6393, 0.5568
CMYK	0.00, 0.36, 0.21, 0.44
HSL	335°, 22%, 46%
HSV	335°, 36%, 56%
XYZ	18.1388, 14.6862, 17.5047
YIQ	109.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

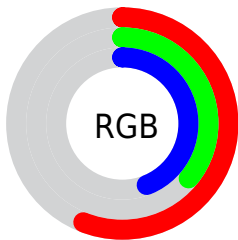
Format	Color
R_{YB}	143, 92, 113
Decimal	9395313
CIE Lab	45.20, 24.07, -3.23
CIE LCh	45, 24.285, 352.357
Yxy	14.6862, 0.3604, 0.2918
Android (android.graphics.Color)	4287585393 (0xFF8F5C71)
YUV	109.6430, 1.6550, 29.2541
Hunter-Lab	38.3226, 17.4230, -0.2562

Details

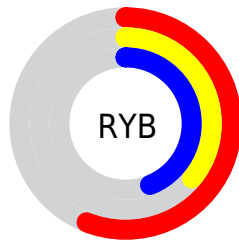
The Yxy color **14.6862, 0.3604, 0.2918** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3317, 0.2815, 0.3700**, and the grayscale version is **15.4760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3673, 0.3488, 0.3004**, and **4.4826, 0.3825, 0.2762** is the 20% darker color. If you saturate the color by 10%, you get **12.2580, 0.3801, 0.2813**, and if you desaturate by 10%, it is **17.6011, 0.3437, 0.3026**.

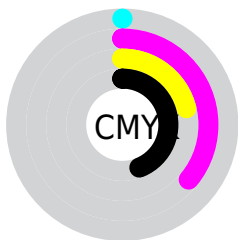
Distribution



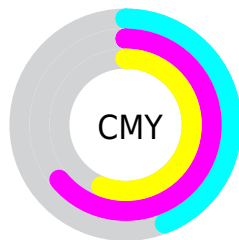
- Red (56%)
- Green (36%)
- Blue (44%)



- Red (56%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (44%)




- Cyan (44%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6862, 0.3604, 0.2918 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 14.6862, 0.3604, 0.2918 by changing the saturation by 10% instead.


 14.6862, 0.3604,
0.2918


 14.6862, 0.3604,
0.2918


221.4589, 0.3322,
0.3135


 8.5995, 0.3695,
0.2850


 34.3017, 0.3488,
0.3006


 4.4809, 0.3828,
0.2750

 48.5993, 0.3449,
0.3036

 1.9460, 0.4041,
0.2594

 66.4026, 0.3418,
0.3061

 0.5758, 0.4503,
0.2216

 88.0960, 0.3392,
0.3081

 0.0000, 1.0000,
0.0000

114.0640, 0.3370,
0.3098

 0.0000, 0.0000,
0.0000

144.6909, 0.3352,

0.3112

180.3610, 0.3336,
0.3125

■ 14.6862, 0.3604,
0.2918

■ 14.6862, 0.3604,
0.2918

■ 12.2580, 0.3801,
0.2813

■ 17.6011, 0.3437,
0.3026

■ 10.2876, 0.4031,
0.2719

■ 21.0255, 0.3298,
0.3133

■ 8.7462, 0.4291,
0.2646


■ 24.9831, 0.3183,
0.3235

■ 7.6008, 0.4575,
0.2605


■ 29.4957, 0.3088,
0.3331

■ 6.8134, 0.4869,
0.2607


■ 34.5835, 0.3010,
0.3420

 6.3296, 0.5156,
0.2657

 40.2662, 0.2945,
0.3502

 6.1565, 0.5280,
0.2683

 46.5621, 0.2891,
0.3577

 53.4890, 0.2847,
0.3646

 61.0638, 0.2810,
0.3709

Harmonies

Analogous

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



14.6862, 0.3098, 0.2639



14.6862, 0.3604, 0.2918



14.6862, 0.3993, 0.3288

Triad

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



14.6862, 0.3604, 0.2918



14.6862, 0.3581, 0.4193



14.6862, 0.2221, 0.2779

Complementary

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



14.6862, 0.3604, 0.2918



23.3317, 0.2815, 0.3700

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.



14.6862, 0.2326, 0.3197



14.6862, 0.3604, 0.2918



14.6862, 0.3093, 0.4084

Square

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



14.6862, 0.3604, 0.2918



14.6862, 0.3965, 0.4022



14.6862, 0.2637, 0.3697



14.6862, 0.2329, 0.2543

Rectangle

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



14.6862, 0.3604, 0.2918



14.6862, 0.4114, 0.3553



14.6862, 0.2637, 0.3697



14.6862, 0.2232, 0.2901

Sweetspot

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



14.6869, 0.3604, 0.2918



40.6720, 0.3245, 0.3179



13.7566, 0.2878, 0.2360



9.1359, 0.3259, 0.3167



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.



14.6869, 0.3604, 0.2918



22.6541, 0.3764, 0.2831



15.0245, 0.3917, 0.3369



5.4586, 0.3221, 0.3200



5.4457, 0.5268, 0.2676



0.0563, 0.4270, 0.2126

Inverse Universe

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



14.6869, 0.3604, 0.2918



22.6541, 0.3764, 0.2831



22.6574, 0.2630, 0.3208



5.4586, 0.3221, 0.3200



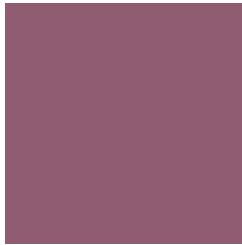
5.4457, 0.5268, 0.2676



0.0563, 0.4270, 0.2126

Previews

White Background



This preview shows how the Yxy color 14.6862, 0.3604, 0.2918 looks on a white background.

Color Contrast Check

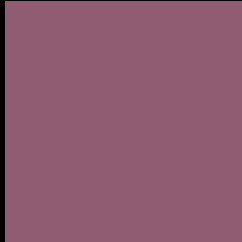
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6862, 0.3604, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

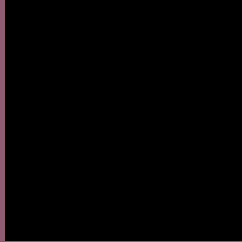
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6862, 0.3604, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 14.6862, 0.3604, 0.2918.



This preview shows how white text looks on a background with the Yxy color 14.6862, 0.3604, 0.2918.

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

14.6862, 0.3604, 0.2918

Protanopia

14.9238, 0.2917, 0.2982

Deuteranopia

14.7613, 0.3204, 0.3149



Tritanopia

14.6958, 0.3771, 0.3165

Trichromacy



Original Color

14.6862, 0.3604, 0.2918

Protanomaly

14.7566, 0.3143, 0.2956

Deuteranomaly

14.7198, 0.3342, 0.3058

Tritanomaly

14.5994, 0.3711, 0.3075

Monochromacy



Original Color

14.6862, 0.3604, 0.2918

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.9858, 0.3292, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6862, 0.3604, 0.2918 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(143, 92, 113)` looks like.

```
.text, #text, p{  
    color:rgb(143, 92, 113)  
}
```

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(143, 92, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 113) }
```

Border

The CSS property to change the border of an element to Yxy 14.6862, 0.3604, 0.2918 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(143, 92, 113) }
```

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

```
.border{ border-color:rgb(143, 92, 113) }
```

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

Here you see how a box with a 4 pixel rgb(143, 92, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 113);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6862, 0.3604, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 113) }
```

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

```
.background{ background-color: rgb(143, 92,  
113) }
```

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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