

Converting Colors

$Y_{xy}(13.5837, 0.3554, 0.2676)$

Have a look what the booklet for
Yxy(13.5837, 0.3554, 0.2676)
contains.

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Color

Yxy(13.6018, 0.3548, 0.2681)

Conversions

Conversions Part 1

Format	Color
Hex	905477
RGB	144, 84, 119
RGB Percent	56%, 33%, 47%
CMY	0.4353, 0.6706, 0.5333
CMYK	0.00, 0.42, 0.17, 0.44
HSL	325°, 26%, 45%
HSV	325°, 42%, 56%
XYZ	18.0004, 13.6018, 19.1318
YIQ	105.9300, 24.5250, 23.6050

Conversions

Conversions Part 2

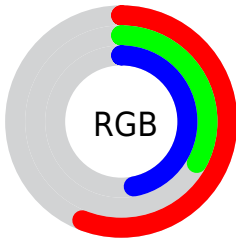
Format	Color
R_{YB}	144, 84, 119
Decimal	9458807
CIE Lab	43.66, 29.99, -9.16
CIE LCh	44, 31.363, 343.011
Yxy	13.6018, 0.3548, 0.2681
Android (android.graphics.Color)	4287648887 (0xFF905477)
YUV	105.9300, 6.4435, 33.3874
Hunter-Lab	36.8806, 22.5800, -4.9402

Details

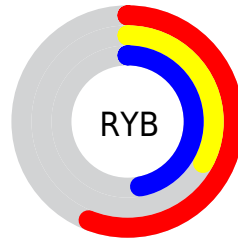
The Yxy color **13.6018, 0.3548, 0.2681** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.9321, 0.2858, 0.3999**, and the grayscale version is **14.3705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.4103, 0.3450, 0.2826**, and **3.9920, 0.3729, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **11.4525, 0.3694, 0.2542**, and if you desaturate by 10%, it is **16.2210, 0.3420, 0.2829**.

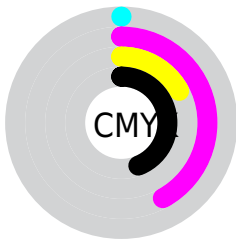
Distribution



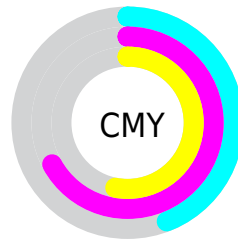
- Red (56%)
- Green (33%)
- Blue (47%)



- Red (56%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (42%)
- Yellow (17%)
- Black (44%)





- Cyan (44%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.6018, 0.3548, 0.2681 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 13.6018, 0.3548, 0.2681 by changing the saturation by 10% instead.


 13.6018, 0.3548,
0.2681


 13.6018, 0.3548,
0.2681


214.7393, 0.3303,
0.3032

 7.8442, 0.3625,
0.2573


 32.3808, 0.3448,
0.2822


 3.9954, 0.3736,
0.2420


 46.1710, 0.3414,
0.2871

 1.6710, 0.3911,
0.2186

 63.4076, 0.3387,
0.2910

 0.4048, 0.4350,
0.1534

 84.4749, 0.3364,
0.2943

 0.0000, 1.0000,
0.0000

 109.7573, 0.3345,
0.2970

 0.0000, 0.0000,
0.0000

139.6393, 0.3329,

0.2994

174.5051, 0.3315,
0.3014

■ 13.6018, 0.3548,
0.2681

■ 13.6018, 0.3548,
0.2681

■ 11.4525, 0.3694,
0.2542

■ 16.2210, 0.3420,
0.2829

■ 9.7426, 0.3859,
0.2421

■ 19.3342, 0.3310,
0.2980

■ 8.4411, 0.4037,
0.2329

■ 22.9663, 0.3217,
0.3127

■ 7.5121, 0.4225,
0.2276

■ 27.1398, 0.3139,
0.3267

■ 6.9132, 0.4415,
0.2272

■ 31.8760, 0.3073,
0.3400

■ 6.5686, 0.4575,
0.2294

■ 37.1949, 0.3019,
0.3523

■ 43.1157, 0.2973,
0.3638

■ 49.6565, 0.2935,
0.3743

■ 56.8349, 0.2903,
0.3839

Harmonies

Analogous

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



13.6018, 0.2876, 0.2381



13.6018, 0.3548, 0.2681



13.6018, 0.4146, 0.3114

Triad

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



13.6018, 0.3548, 0.2681



13.6018, 0.3882, 0.4440



13.6018, 0.1974, 0.2749

Complementary

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



13.6018, 0.3548, 0.2681



22.9321, 0.2858, 0.3999

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.



13.6018, 0.2183, 0.3357



13.6018, 0.3548, 0.2681



13.6018, 0.3265, 0.4458

Square

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



13.6018, 0.3548, 0.2681



13.6018, 0.4322, 0.4094



13.6018, 0.2644, 0.4035



13.6018, 0.2030, 0.2382

Rectangle

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



13.6018, 0.3548, 0.2681



13.6018, 0.4383, 0.3443



13.6018, 0.2644, 0.4035



13.6018, 0.2014, 0.2929

Sweetspot

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



13.6024, 0.3548, 0.2681



40.1098, 0.3222, 0.3118



11.5436, 0.2675, 0.2146



9.0228, 0.3232, 0.3102



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.



13.6024, 0.3548, 0.2681



20.4185, 0.3685, 0.2550



13.0086, 0.4044, 0.3185



5.4735, 0.3196, 0.3162



5.7259, 0.4565, 0.2288



0.0591, 0.3845, 0.1892

Inverse Universe

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



13.6024, 0.3548, 0.2681



20.4185, 0.3685, 0.2550



23.6629, 0.2620, 0.3403



5.4735, 0.3196, 0.3162



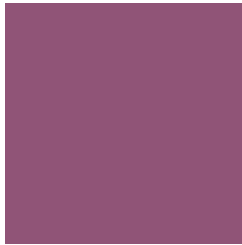
5.7259, 0.4565, 0.2288



0.0591, 0.3845, 0.1892

Previews

White Background



This preview shows how the Yxy color 13.6018, 0.3548, 0.2681 looks on a white background.

Color Contrast Check

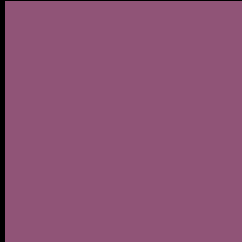
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6018, 0.3548, 0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

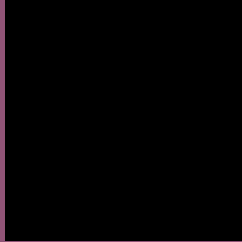
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.6018, 0.3548, 0.2681

Background



This preview shows how black text looks on a background with the Yxy color 13.6018, 0.3548, 0.2681.



This preview shows how white text looks on a background with the Yxy color 13.6018, 0.3548, 0.2681.

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

13.6018, 0.3548, 0.2681

Protanopia

13.8532, 0.2689, 0.2692

Deuteranopia

13.7565, 0.3029, 0.2978



Tritanopia

13.6337, 0.3880, 0.3183

Trichromacy



Original Color

13.6018, 0.3548, 0.2681

Protanomaly

13.4088, 0.2958, 0.2675

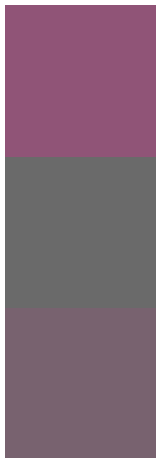
Deuteranomaly

13.5337, 0.3207, 0.2857

Tritanomaly

13.5666, 0.3754, 0.2985

Monochromacy



Original Color

13.6018, 0.3548, 0.2681

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.8761, 0.3272, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.6018, 0.3548, 0.2681 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, 84, 119)` looks like.

```
.text, #text, p{  
    color:rgb(144, 84, 119)  
}
```

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, 84, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 84, 119) }
```

Border

The CSS property to change the border of an element to Yxy 13.6018, 0.3548, 0.2681 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, 84, 119) }
```

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

```
.border{ border-color:rgb(144, 84, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 84, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 84, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 84, 119); box-shadow:4px 4px 4px 4px rgb(144, 84, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 13.6018, 0.3548, 0.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 84, 119) }
```

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

```
.background{ background-color: rgb(144, 84,  
119) }
```

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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