

Converting Colors

$Y_{xy}(13.9254, 0.3756, 0.2684)$

Have a look what the booklet for
Yxy(13.9254, 0.3756, 0.2684)
contains.

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Color

Yxy(13.8917, 0.3747, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	9A5075
RGB	154, 80, 117
RGB Percent	60%, 31%, 46%
CMY	0.3962, 0.6862, 0.5412
CMYK	0.00, 0.48, 0.24, 0.40
HSL	330°, 32%, 46%
HSV	330°, 48%, 60%
XYZ	19.4007, 13.8917, 18.4843
YIQ	106.3440, 32.2270, 27.1950

Conversions

Conversions Part 2

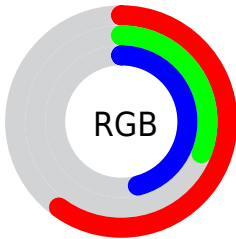
Format	Color
RYB	154, 80, 117
Decimal	10113141
CIELab	44.08, 35.44, -7.16
CIELCh	44, 36.157, 348.578
Yxy	13.8917, 0.3747, 0.2683
Android (android.graphics.Color)	4288303221 (0xFF9A5075)
YUV	106.3440, 5.2534, 41.7943
Hunter-Lab	37.2716, 27.6883, -3.3139

Details

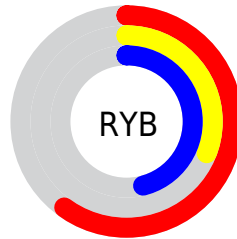
The Yxy color **13.8917, 0.3747, 0.2683** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **26.0918, 0.2777, 0.4009**, and the grayscale version is **14.4924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7988, 0.3598, 0.2820**, and **4.1763, 0.4035, 0.2431** is the 20% darker color. If you saturate the color by 10%, you get **11.7156, 0.3945, 0.2572**, and if you desaturate by 10%, it is **16.6008, 0.3574, 0.2808**.

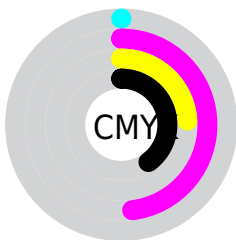
Distribution



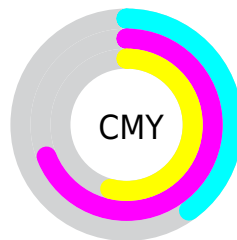
- Red (60%)
- Green (31%)
- Blue (46%)



- Red (60%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (40%)




- Cyan (40%)
- Magenta (69%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8917, 0.3747, 0.2683 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 13.8917, 0.3747, 0.2683 by changing the saturation by 10% instead.


 13.8917, 0.3747,
0.2683


 13.8917, 0.3747,
0.2683


216.5560, 0.3383,
0.3033


 8.0454, 0.3863,
0.2576


 32.8967, 0.3598,
0.2824


 4.1240, 0.4031,
0.2423

 46.8243, 0.3548,
0.2872


 1.7432, 0.4297,
0.2189

 64.2143, 0.3507,
0.2912

 0.4514, 0.4887,
0.1598

 85.4512, 0.3473,
0.2944

 0.0000, 1.0000,
0.0000

 110.9195, 0.3445,
0.2972

 0.0000, 0.0000,
0.0000

141.0034, 0.3421,

0.2995

176.0875, 0.3401,
0.3015

■ 13.8917, 0.3747,
0.2683

■ 13.8917, 0.3747,
0.2683

■ 11.7156, 0.3945,
0.2572

■ 16.6008, 0.3574,
0.2808

■ 10.0343, 0.4165,
0.2487

■ 19.8735, 0.3427,
0.2938

■ 8.8078, 0.4401,
0.2437


■ 23.7406, 0.3302,
0.3068


■ 7.9888, 0.4643,
0.2435

■ 28.2301, 0.3198,
0.3194

■ 7.4900, 0.4882,
0.2480

■ 33.3680, 0.3111,
0.3313

 7.4021, 0.4930,
0.2490

 39.1790, 0.3039,
0.3424

 45.6865, 0.2980,
0.3527

 52.9127, 0.2930,
0.3621

 60.8787, 0.2889,
0.3708

Harmonies

Analogous

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



13.8917, 0.2971, 0.2319



13.8917, 0.3747, 0.2683



13.8917, 0.4389, 0.3180

Triad

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



13.8917, 0.3747, 0.2683



13.8917, 0.3847, 0.4640



13.8917, 0.1823, 0.2566

Complementary

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



13.8917, 0.3747, 0.2683



26.0918, 0.2777, 0.4009

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.



13.8917, 0.1993, 0.3210



13.8917, 0.3747, 0.2683



13.8917, 0.3133, 0.4593

Square

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



13.8917, 0.3747, 0.2683



13.8917, 0.4405, 0.4271



13.8917, 0.2455, 0.4017



13.8917, 0.1939, 0.2219

Rectangle

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



13.8917, 0.3747, 0.2683



13.8917, 0.4602, 0.3548



13.8917, 0.2455, 0.4017



13.8917, 0.1847, 0.2749

Sweetspot

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



13.8924, 0.3747, 0.2683



44.7763, 0.3261, 0.3116



11.8553, 0.2678, 0.1979



9.5502, 0.3282, 0.3091



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



13.8924, 0.3747, 0.2683



20.3267, 0.3968, 0.2562



13.1879, 0.4406, 0.3294



6.2716, 0.3209, 0.3179



6.0407, 0.4913, 0.2480



0.0976, 0.4055, 0.2008

Inverse Universe

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



13.8924, 0.3747, 0.2683



20.3267, 0.3968, 0.2562



27.1393, 0.2507, 0.3288



6.2716, 0.3209, 0.3179



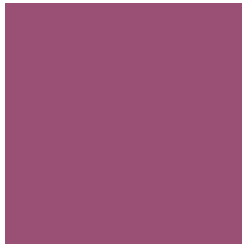
6.0407, 0.4913, 0.2480



0.0976, 0.4055, 0.2008

Previews

White Background



This preview shows how the Yxy color 13.8917, 0.3747, 0.2683 looks on a white background.

Color Contrast Check

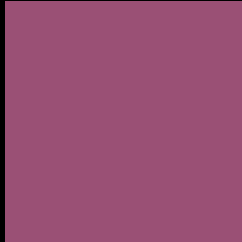
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.8917, 0.3747, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

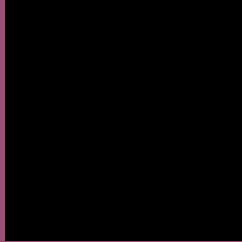
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8917, 0.3747, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 13.8917, 0.3747, 0.2683.



This preview shows how white text looks on a background with the Yxy color 13.8917, 0.3747, 0.2683.

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

13.8917, 0.3747, 0.2683

Protanopia

14.1355, 0.2692, 0.2696

Deuteranopia

14.0745, 0.3109, 0.3063



Tritanopia

13.8316, 0.4129, 0.3190

Trichromacy



Original Color

13.8917, 0.3747, 0.2683

Protanomaly

13.5683, 0.3027, 0.2668

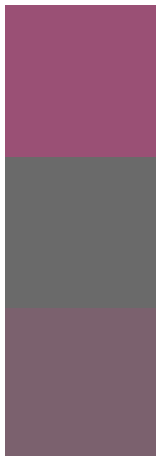
Deuteranomaly

13.7323, 0.3341, 0.2906

Tritanomaly

13.7820, 0.3998, 0.3004

Monochromacy



Original Color

13.8917, 0.3747, 0.2683

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.8861, 0.3333, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8917, 0.3747, 0.2683 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(154, 80, 117)` looks like.

```
.text, #text, p{  
    color:rgb(154, 80, 117)  
}
```

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(154, 80, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 80, 117) }
```

Border

The CSS property to change the border of an element to Yxy 13.8917, 0.3747, 0.2683 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(154, 80, 117) }
```

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

```
.border{ border-color:rgb(154, 80, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 80, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 80, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 80, 117);  
box-shadow:4px 4px 4px 4px rgb(154, 80,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8917, 0.3747, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 80, 117) }
```

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

```
.background{ background-color: rgb(154, 80,  
117) }
```

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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