

Converting Colors

$Y_{xy}(13.3527, 0.3753, 0.3095)$

Have a look what the booklet for
Yxy(13.3527, 0.3753, 0.3095)
contains.

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Color

Yxy(13.3640, 0.3750, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	895963
RGB	137, 89, 99
RGB Percent	54%, 35%, 39%
CMY	0.4628, 0.6509, 0.6117
CMYK	0.00, 0.35, 0.28, 0.46
HSL	347°, 21%, 44%
HSV	347°, 35%, 54%
XYZ	16.1401, 13.3640, 13.5362
YIQ	104.4920, 25.3980, 13.2860

Conversions

Conversions Part 2

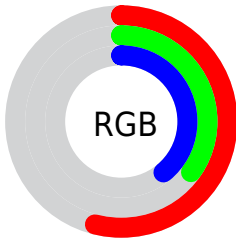
Format	Color
R_{YB}	137, 89, 99
Decimal	9001315
CIE Lab	43.31, 21.25, 2.43
CIE LCh	43, 21.388, 6.537
Yxy	13.3640, 0.3750, 0.3105
Android (android.graphics.Color)	4287191395 (0xFF895963)
YUV	104.4920, -2.7076, 28.5095
Hunter-Lab	36.5568, 14.8346, 3.6360

Details

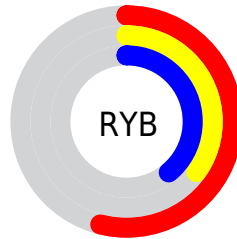
The Yxy color **13.3640, 0.3750, 0.3105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5443, 0.2735, 0.3487**, and the grayscale version is **13.9851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0345, 0.3582, 0.3155**, and **3.8914, 0.4071, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **11.0990, 0.4021, 0.3052**, and if you desaturate by 10%, it is **16.0824, 0.3525, 0.3160**.

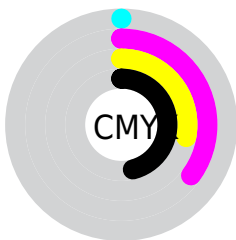
Distribution



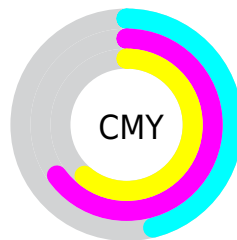
- Red (54%)
- Green (35%)
- Blue (39%)



- Red (54%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (46%)



- Cyan (46%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.3640, 0.3750, 0.3105 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 13.3640, 0.3750, 0.3105 by changing the saturation by 10% instead.


 13.3640, 0.3750,
0.3105


 13.3640, 0.3750,
0.3105


213.2375, 0.3373,
0.3220


 7.6797, 0.3877,
0.3065


 31.9562, 0.3592,
0.3154

 3.8907, 0.4068,
0.3003

 45.6329, 0.3540,
0.3170

 1.6126, 0.4387,
0.2895

 62.7424, 0.3498,
0.3182

 0.3661, 0.5932,
0.2505

 83.6693, 0.3464,
0.3193

 0.0000, 0.0000,
0.0000

 108.7978, 0.3436,
0.3201

138.5124, 0.3412,

0.3208

173.1975, 0.3391,
0.3214

■ 13.3640, 0.3750,
0.3105

■ 13.3640, 0.3750,
0.3105

■ 11.0990, 0.4021,
0.3052

■ 16.0824, 0.3525,
0.3160

■ 9.2609, 0.4341,
0.3007

■ 19.2751, 0.3342,
0.3214

■ 7.8232, 0.4706,
0.2977


■ 22.9640, 0.3192,
0.3265


■ 6.7557, 0.5100,
0.2971


■ 27.1690, 0.3070,
0.3313


■ 6.0240, 0.5491,
0.2995


■ 31.9091, 0.2970,
0.3357

 5.5806, 0.5840,
0.3053

 37.2022, 0.2888,
0.3398

 5.4040, 0.5998,
0.3078

 43.0653, 0.2821,
0.3434

 49.5147, 0.2765,
0.3468

 56.5663, 0.2719,
0.3498

Harmonies

Analogous

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



13.3640, 0.3323, 0.2801



13.3640, 0.3750, 0.3105



13.3640, 0.4003, 0.3465

Triad

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



13.3640, 0.3750, 0.3105



13.3640, 0.3339, 0.4094



13.3640, 0.2319, 0.2701

Complementary

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



13.3640, 0.3750, 0.3105



21.5443, 0.2735, 0.3487

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.



13.3640, 0.2324, 0.3012



13.3640, 0.3750, 0.3105



13.3640, 0.2892, 0.3866

Square

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



13.3640, 0.3750, 0.3105



13.3640, 0.3747, 0.4057



13.3640, 0.2525, 0.3447



13.3640, 0.2510, 0.2567

Rectangle

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



13.3640, 0.3750, 0.3105



13.3640, 0.4029, 0.3703



13.3640, 0.2525, 0.3447



13.3640, 0.2298, 0.2786

Sweetspot

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



13.3646, 0.3750, 0.3105



36.9170, 0.3281, 0.3234



13.4328, 0.3019, 0.2417



8.1152, 0.3299, 0.3228



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



13.3646, 0.3750, 0.3105



20.6663, 0.3960, 0.3063



15.6605, 0.3832, 0.3545



5.0646, 0.3250, 0.3245



5.0362, 0.5991, 0.3074



0.0352, 0.5027, 0.2543

Inverse Universe

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



13.3646, 0.3750, 0.3105



20.6663, 0.3960, 0.3063



18.1940, 0.2615, 0.3017



5.0646, 0.3250, 0.3245



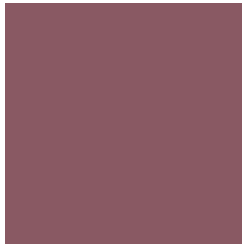
5.0362, 0.5991, 0.3074



0.0352, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 13.3640, 0.3750, 0.3105 looks on a white background.

Color Contrast Check

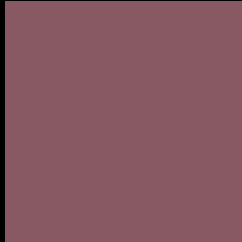
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.3640, 0.3750, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

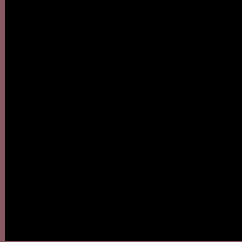
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.3640, 0.3750, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 13.3640, 0.3750, 0.3105.



This preview shows how white text looks on a background with the Yxy color 13.3640, 0.3750, 0.3105.

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

13.3640, 0.3750, 0.3105

Protanopia

13.4478, 0.3075, 0.3182

Deuteranopia

13.4316, 0.3397, 0.3333



Tritanopia

13.3077, 0.3801, 0.3161

Trichromacy



Original Color

13.3640, 0.3750, 0.3105

Protanomaly

13.1937, 0.3300, 0.3145

Deuteranomaly

13.2772, 0.3520, 0.3231

Tritanomaly

13.3262, 0.3784, 0.3142

Monochromacy



Original Color

13.3640, 0.3750, 0.3105

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.5960, 0.3339, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.3640, 0.3750, 0.3105 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(137, 89, 99)` looks like.

```
.text, #text, p{  
    color:rgb(137, 89, 99)  
}
```

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(137, 89, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 89, 99) }
```

Border

The CSS property to change the border of an element to Yxy 13.3640, 0.3750, 0.3105 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(137, 89, 99) }
```

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

```
.border{ border-color:rgb(137, 89, 99) }
```

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

Here you see how a box with a 4 pixel rgb(137, 89, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 89, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 89, 99);  
box-shadow:4px 4px 4px 4px rgb(137, 89,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 13.3640, 0.3750, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 89, 99) }
```

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

```
.background{ background-color: rgb(137, 89,  
99) }
```

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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