

Converting Colors

$Y_{xy}(13.3441, 0.4324, 0.3265)$

Have a look what the booklet for
Yxy(13.3441, 0.4324, 0.3265)
contains.

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Color

Yxy(13.2817, 0.4330, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	995153
RGB	153, 81, 83
RGB Percent	60%, 32%, 33%
CMY	0.4000, 0.6823, 0.6745
CMYK	0.00, 0.47, 0.46, 0.40
HSL	358°, 31%, 46%
HSV	358°, 47%, 60%
XYZ	17.6410, 13.2817, 9.8187
YIQ	102.7560, 42.2700, 15.8860

Conversions

Conversions Part 2

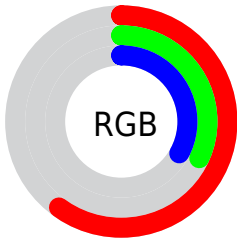
Format	Color
R_{YB}	153, 81, 83
Decimal	10047827
CIE Lab	43.18, 30.10, 12.36
CIE LCh	43, 32.541, 22.315
Yxy	13.2817, 0.4330, 0.3260
Android (android.graphics.Color)	4288237907 (0xFF995153)
YUV	102.7560, -9.7397, 44.0640
Hunter-Lab	36.4441, 22.6272, 9.5371

Details

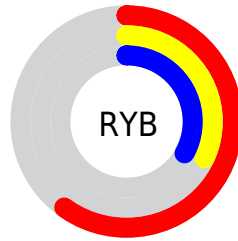
The Yxy color **13.2817, 0.4330, 0.3260** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7667, 0.2530, 0.3325**, and the grayscale version is **13.5141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8701, 0.4029, 0.3293**, and **3.8803, 0.4957, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **11.0532, 0.4748, 0.3256**, and if you desaturate by 10%, it is **16.0732, 0.3971, 0.3266**.

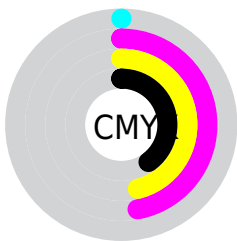
Distribution



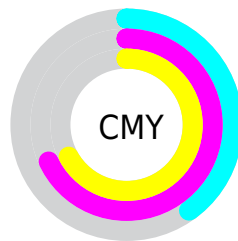
- Red (60%)
- Green (32%)
- Blue (33%)



- Red (60%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (47%)
- Yellow (46%)
- Black (40%)





- Cyan (40%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.2817, 0.4330, 0.3260 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 13.2817, 0.4330, 0.3260 by changing the saturation by 10% instead.


 13.2817, 0.4330,
0.3260

 13.2817, 0.4330,
0.3260

212.7152, 0.3599,
0.3301


 7.6228, 0.4575,
0.3232


 31.8089, 0.4024,
0.3285


 3.8546, 0.4937,
0.3176

 45.4461, 0.3922,
0.3291

 1.5925, 0.5542,
0.3063

 62.5115, 0.3841,
0.3295

 0.3526, 0.7558,
0.2442

 83.3894, 0.3774,
0.3297

 0.0000, 1.0000,
0.0000

 108.4644, 0.3719,
0.3299

 0.0000, 0.0000,
0.0000

138.1208, 0.3673,

0.3300

172.7429, 0.3633,
0.3300

■ 13.2817, 0.4330,
0.3260

■ 13.2817, 0.4330,
0.3260

■ 11.0532, 0.4748,
0.3256

■ 16.0732, 0.3971,
0.3266

■ 9.3477, 0.5206,
0.3256

■ 19.4602, 0.3675,
0.3272

■ 8.1230, 0.5659,
0.3261

■ 23.4750, 0.3434,
0.3279

■ 7.3297, 0.6043,
0.3270

■ 28.1472, 0.3241,
0.3286

■ 6.8891, 0.6301,
0.3280

■ 33.5044, 0.3085,
0.3292

■ 6.7818, 0.6364,
0.3279

■ 39.5727, 0.2959,
0.3297

■ 46.3766, 0.2857,
0.3303

■ 53.9398, 0.2774,
0.3307

■ 62.2846, 0.2706,
0.3312

Harmonies

Analogous

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



13.2817, 0.3781, 0.2784



13.2817, 0.4330, 0.3260



13.2817, 0.4500, 0.3780

Triad

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



13.2817, 0.4330, 0.3260



13.2817, 0.3058, 0.4427



13.2817, 0.2059, 0.2281

Complementary

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



13.2817, 0.4330, 0.3260



26.7667, 0.2530, 0.3325

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.



13.2817, 0.1918, 0.2575



13.2817, 0.4330, 0.3260



13.2817, 0.2447, 0.3862

Square

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



13.2817, 0.4330, 0.3260



13.2817, 0.3722, 0.4545



13.2817, 0.2047, 0.3138



13.2817, 0.2456, 0.2242

Rectangle

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



13.2817, 0.4330, 0.3260



13.2817, 0.4379, 0.4111



13.2817, 0.2047, 0.3138



13.2817, 0.1983, 0.2349

Sweetspot

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



13.2824, 0.4330, 0.3260



44.2467, 0.3376, 0.3281



14.7265, 0.3146, 0.2167



9.4197, 0.3417, 0.3280



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.



13.2824, 0.4330, 0.3260



19.7774, 0.4750, 0.3256



19.5375, 0.4084, 0.3853



6.2253, 0.3279, 0.3284



5.6057, 0.6360, 0.3277



0.0845, 0.6162, 0.3168

Inverse Universe

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



13.2824, 0.4330, 0.3260



19.7774, 0.4750, 0.3256



17.3390, 0.2400, 0.2636



6.2253, 0.3279, 0.3284



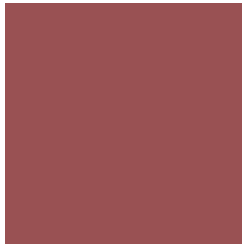
5.6057, 0.6360, 0.3277



0.0845, 0.6162, 0.3168

Previews

White Background



This preview shows how the Yxy color 13.2817, 0.4330, 0.3260 looks on a white background.

Color Contrast Check

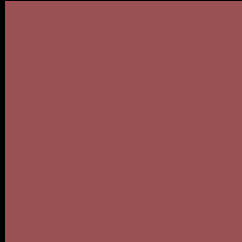
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2817, 0.4330, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

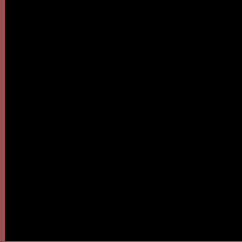
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.2817, 0.4330, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 13.2817, 0.4330, 0.3260.



This preview shows how white text looks on a background with the Yxy color 13.2817, 0.4330, 0.3260.

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

13.2817, 0.4330, 0.3260

Protanopia

13.3751, 0.3295, 0.3466

Deuteranopia

13.3076, 0.3735, 0.3665



Tritanopia

13.1815, 0.4284, 0.3193

Trichromacy



Original Color

13.2817, 0.4330, 0.3260

Protanomaly

12.9545, 0.3650, 0.3373

Deuteranomaly

13.1539, 0.3952, 0.3505

Tritanomaly

13.1655, 0.4302, 0.3210

Monochromacy



Original Color

13.2817, 0.4330, 0.3260

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.0939, 0.3519, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.2817, 0.4330, 0.3260 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(153, 81, 83)` looks like.

```
.text, #text, p{  
    color:rgb(153, 81, 83)  
}
```

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(153, 81, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 81, 83) }
```

Border

The CSS property to change the border of an element to Yxy 13.2817, 0.4330, 0.3260 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(153, 81, 83) }
```

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

```
.border{ border-color:rgb(153, 81, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 81, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 81, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 81, 83);  
box-shadow:4px 4px 4px 4px rgb(153, 81,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 13.2817, 0.4330, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 81, 83) }
```

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

```
.background{ background-color: rgb(153, 81,  
83) }
```

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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