

Converting Colors

$Y_{xy}(13.3472, 0.3951, 0.3465)$

Have a look what the booklet for
Yxy(13.3472, 0.3951, 0.3465)
contains.

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Color

Yxy(13.3472, 0.3951, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	865C53
RGB	134, 92, 83
RGB Percent	53%, 36%, 33%
CMY	0.4745, 0.6392, 0.6746
CMYK	0.00, 0.31, 0.38, 0.47
HSL	11°, 24%, 43%
HSV	11°, 38%, 53%
XYZ	15.2193, 13.3472, 9.9536
YIQ	103.5320, 27.9210, 6.1050

Conversions

Conversions Part 2

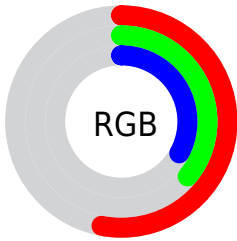
Format	Color
R_YB	134, 94, 83
Decimal	8805459
CIE _{Lab}	43.28, 15.99, 12.11
CIE _{LCh}	43, 20.058, 37.154
Yxy	13.3472, 0.3951, 0.3465
Android (android.graphics.Color)	4286995539 (0xFF865C53)
YUV	103.5320, -10.1223, 26.7204
Hunter-Lab	36.5338, 10.4254, 9.4202

Details

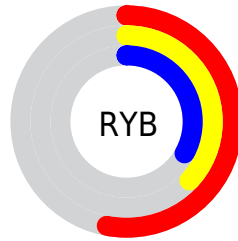
The Yxy color **13.3472, 0.3951, 0.3465** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2198, 0.2590, 0.3105**, and the grayscale version is **13.7340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8308, 0.3753, 0.3430**, and **3.8878, 0.4360, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **11.3866, 0.4273, 0.3510**, and if you desaturate by 10%, it is **15.6274, 0.3677, 0.3417**.

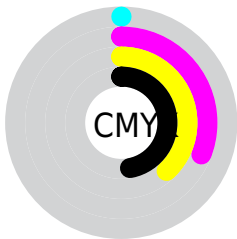
Distribution



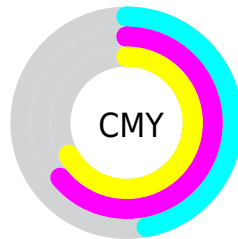
- Red (53%)
- Green (36%)
- Blue (33%)



- Red (53%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (47%)





- Cyan (47%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.3472, 0.3951, 0.3465 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 13.3472, 0.3951, 0.3465 by changing the saturation by 10% instead.


 13.3472, 0.3951,
0.3465

 13.3472, 0.3951,
0.3465


213.1310, 0.3450,
0.3372


 7.6681, 0.4120,
0.3487


 31.9261, 0.3741,
0.3431


 3.8833, 0.4374,
0.3510

 45.5947, 0.3671,
0.3418


 1.6085, 0.4806,
0.3536

 62.6953, 0.3615,
0.3408

 0.3633, 0.6694,
0.3306

 83.6122, 0.3570,
0.3398

 0.0000, 0.0000,
0.0000

 108.7298, 0.3533,
0.3390

138.4325, 0.3501,

0.3384

173.1048, 0.3474,
0.3378

■ 13.3472, 0.3951,
0.3465

■ 13.3472, 0.3951,
0.3465

■ 11.3866, 0.4273,
0.3510

■ 15.6274, 0.3677,
0.3417

■ 9.7293, 0.4642,
0.3546

■ 18.2385, 0.3447,
0.3370

■ 8.3606, 0.5044,
0.3567


■ 21.1939, 0.3257,
0.3324

■ 7.2637, 0.5452,
0.3565


■ 24.5054, 0.3099,
0.3282


■ 6.4200, 0.5823,
0.3533


■ 28.1846, 0.2968,
0.3243


 5.8052, 0.6124,
0.3482

 32.2421, 0.2859,
0.3208

 5.7095, 0.6180,
0.3475

 36.6884, 0.2767,
0.3175

 41.5335, 0.2690,
0.3146

 46.7871, 0.2625,
0.3120

Harmonies

Analogous

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



13.3472, 0.3718, 0.3124



13.3472, 0.3951, 0.3465



13.3472, 0.3942, 0.3790

Triad

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



13.3472, 0.3951, 0.3465



13.3472, 0.2899, 0.3821



13.3472, 0.2552, 0.2607

Complementary

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



13.3472, 0.3951, 0.3465



18.2198, 0.2590, 0.3105

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.



13.3472, 0.2367, 0.2733



13.3472, 0.3951, 0.3465



13.3472, 0.2556, 0.3430

Square

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



13.3472, 0.3951, 0.3465



13.3472, 0.3319, 0.4040



13.3472, 0.2368, 0.3024



13.3472, 0.2892, 0.2648

Rectangle

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



13.3472, 0.3951, 0.3465



13.3472, 0.3805, 0.3956



13.3472, 0.2368, 0.3024



13.3472, 0.2471, 0.2630

Sweetspot

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



13.3478, 0.3951, 0.3465



35.6255, 0.3313, 0.3339



12.7451, 0.3295, 0.2521



7.8929, 0.3334, 0.3344



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



13.3478, 0.3951, 0.3465



20.4034, 0.4237, 0.3505



18.4134, 0.3780, 0.3921



4.8122, 0.3275, 0.3329



5.3629, 0.6175, 0.3479



0.0262, 0.5562, 0.3966

Inverse Universe

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



18.2198, 0.2590, 0.3105



30.2888, 0.2481, 0.3054



12.6711, 0.2513, 0.2563



5.1425, 0.2992, 0.3251



12.1373, 0.2092, 0.2732



0.0512, 0.2174, 0.3026

Previews

White Background



This preview shows how the Yxy color 13.3472, 0.3951, 0.3465 looks on a white background.

Color Contrast Check

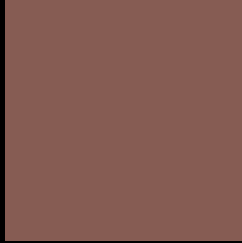
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.3472, 0.3951, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

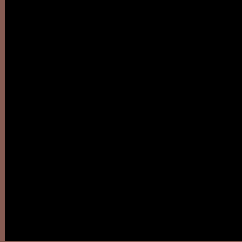
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.3472, 0.3951, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 13.3472, 0.3951, 0.3465.



This preview shows how white text looks on a background with the Yxy color 13.3472, 0.3951, 0.3465.

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

13.3472, 0.3951, 0.3465

Protanopia

13.3955, 0.3409, 0.3597

Deuteranopia

13.5259, 0.3698, 0.3643



Tritanopia

13.3263, 0.3747, 0.3159

Trichromacy



Original Color

13.3472, 0.3951, 0.3465

Protanomaly

13.1892, 0.3596, 0.3544

Deuteranomaly

13.3349, 0.3796, 0.3574

Tritanomaly

13.4058, 0.3825, 0.3273

Monochromacy



Original Color

13.3472, 0.3951, 0.3465

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.6037, 0.3408, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.3472, 0.3951, 0.3465 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(134, 92, 83)` looks like.

```
.text, #text, p{  
  color:rgb(134, 92, 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(134, 92, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 83) }
```

Border

The CSS property to change the border of an element to Yxy 13.3472, 0.3951, 0.3465 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(134, 92, 83) }
```

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

```
.border{ border-color:rgb(134, 92, 83) }
```

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

Here you see how a box with a 4 pixel rgb(134, 92, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(134, 92,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 13.3472, 0.3951, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 83) }
```

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

```
.background{ background-color: rgb(134, 92,  
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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