

Converting Colors

$Y_{xy}(11.6457, 0.4006, 0.3273)$

Have a look what the booklet for
Yxy(11.6457, 0.4006, 0.3273)
contains.

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Color

Yxy(11.6457, 0.4006, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	855253
RGB	133, 82, 83
RGB Percent	52%, 32%, 33%
CMY	0.4784, 0.6785, 0.6745
CMYK	0.00, 0.38, 0.38, 0.48
HSL	359°, 24%, 42%
HSV	359°, 38%, 52%
XYZ	14.2538, 11.6457, 9.6816
YIQ	97.3630, 30.0750, 11.1230

Conversions

Conversions Part 2

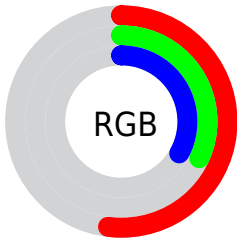
Format	Color
R_{YB}	133, 82, 83
Decimal	8737363
CIE _{Lab}	40.65, 21.47, 8.40
CIE _{LCh}	41, 23.059, 21.365
Yxy	11.6457, 0.4006, 0.3273
Android (android.graphics.Color)	4286927443 (0xFF855253)
YUV	97.3630, -7.0810, 31.2536
Hunter-Lab	34.1258, 14.8364, 7.0673

Details

The Yxy color **11.6457, 0.4006, 0.3273** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2395, 0.2621, 0.3309**, and the grayscale version is **12.0607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8598, 0.3782, 0.3292**, and **3.1510, 0.4492, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **9.6482, 0.4368, 0.3269**, and if you desaturate by 10%, it is **14.0711, 0.3705, 0.3277**.

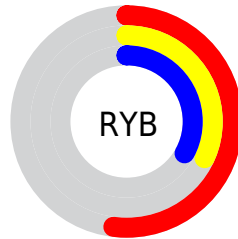
Distribution



Red (52%)

Green (32%)

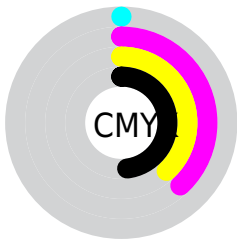
Blue (33%)



Red (52%)

Yellow (32%)

Blue (33%)

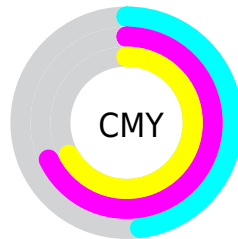


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (48%)



Cyan (48%)


Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6457, 0.4006, 0.3273 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 11.6457, 0.4006, 0.3273 by changing the saturation by 10% instead.


 11.6457, 0.4006,
0.3273


 11.6457, 0.4006,
0.3273


202.0454, 0.3462,
0.3295


 6.5029, 0.4197,
0.3257


 28.8482, 0.3774,
0.3287


 3.1532, 0.4490,
0.3223

 41.6766, 0.3698,
0.3290


 1.2122, 0.5024,
0.3161

 57.8357, 0.3638,
0.3292

 0.0717, 0.8921,
0.1079

 77.7100, 0.3590,
0.3293

 0.0000, 0.0000,
0.0000

 101.6836, 0.3550,
0.3294

130.1412, 0.3516,

0.3295

163.4670, 0.3487,
0.3295

■ 11.6457, 0.4006,
0.3273

■ 11.6457, 0.4006,
0.3273

■ 9.6482, 0.4368,
0.3269

■ 14.0711, 0.3705,
0.3277

■ 8.0523, 0.4787,
0.3267

■ 16.9454, 0.3460,
0.3282

■ 6.8313, 0.5243,
0.3268


■ 20.2904, 0.3263,
0.3286

■ 5.9545, 0.5690,
0.3272


■ 24.1257, 0.3103,
0.3291

■ 5.3866, 0.6064,
0.3279

■ 28.4701, 0.2975,
0.3295


 5.0459, 0.6328,
0.3283

 33.3412, 0.2870,
0.3298

 4.9938, 0.6370,
0.3283

 38.7557, 0.2785,
0.3302

 44.7299, 0.2715,
0.3304

 51.2791, 0.2657,
0.3307

Harmonies

Analogous

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



11.6457, 0.3600, 0.2898



11.6457, 0.4006, 0.3273



11.6457, 0.4151, 0.3677

Triad

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



11.6457, 0.4006, 0.3273



11.6457, 0.3108, 0.4115



11.6457, 0.2303, 0.2529

Complementary

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



11.6457, 0.4006, 0.3273



20.2395, 0.2621, 0.3309

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.



11.6457, 0.2199, 0.2777



11.6457, 0.4006, 0.3273



11.6457, 0.2638, 0.3724

Square

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



11.6457, 0.4006, 0.3273



11.6457, 0.3607, 0.4215



11.6457, 0.2314, 0.3210



11.6457, 0.2611, 0.2482

Rectangle

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



11.6457, 0.4006, 0.3273



11.6457, 0.4077, 0.3924



11.6457, 0.2314, 0.3210



11.6457, 0.2245, 0.2589

Sweetspot

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



11.6463, 0.4006, 0.3273



33.8791, 0.3335, 0.3285



12.5782, 0.3144, 0.2374



7.4901, 0.3355, 0.3284



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.



11.6463, 0.4006, 0.3273



17.7010, 0.4317, 0.3270



15.8650, 0.3854, 0.3743



4.6901, 0.3276, 0.3286



4.7554, 0.6369, 0.3282



0.0166, 0.6225, 0.3203

Inverse Universe

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



11.6463, 0.4006, 0.3273



17.7010, 0.4317, 0.3270



14.4689, 0.2541, 0.2784



4.6901, 0.3276, 0.3286



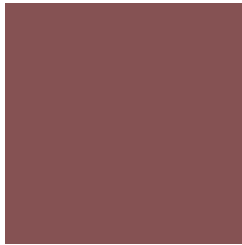
4.7554, 0.6369, 0.3282



0.0166, 0.6225, 0.3203

Previews

White Background



This preview shows how the Yxy color 11.6457, 0.4006, 0.3273 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 11.6457, 0.4006, 0.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

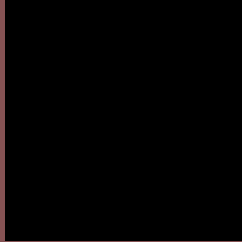
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6457, 0.4006, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 11.6457, 0.4006, 0.3273.



This preview shows how white text looks on a background with the Yxy color 11.6457, 0.4006, 0.3273.

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

11.6457, 0.4006, 0.3273

Protanopia

11.7566, 0.3259, 0.3429

Deuteranopia

11.8023, 0.3602, 0.3556



Tritanopia

11.5595, 0.3940, 0.3177

Trichromacy



Original Color

11.6457, 0.4006, 0.3273

Protanomaly

11.5498, 0.3516, 0.3379

Deuteranomaly

11.6759, 0.3742, 0.3440

Tritanomaly

11.5433, 0.3958, 0.3196

Monochromacy



Original Color

11.6457, 0.4006, 0.3273

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.7420, 0.3416, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6457, 0.4006, 0.3273 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(133, 82, 83)` looks like.

```
.text, #text, p{  
  color:rgb(133, 82, 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(133, 82, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 82, 83) }
```

Border

The CSS property to change the border of an element to Yxy 11.6457, 0.4006, 0.3273 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(133, 82, 83) }
```

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

```
.border{ border-color:rgb(133, 82, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 82, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 82, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 82, 83);  
box-shadow:4px 4px 4px 4px rgb(133, 82,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6457, 0.4006, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 82, 83) }
```

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

```
.background{ background-color: rgb(133, 82,  
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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