

Converting Colors

$Y_{xy}(25.5952, 0.3237, 0.3375)$

Have a look what the booklet for
Yxy(25.5952, 0.3237, 0.3375)
contains.

Yxy(25.7101, 0.3234, 0.3373)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.7101, 0.3234, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	8F8A85
RGB	143, 138, 133
RGB Percent	56%, 54%, 52%
CMY	0.4392, 0.4588, 0.4783
CMYK	0.00, 0.03, 0.07, 0.44
HSL	30°, 4%, 54%
HSV	30°, 7%, 56%
XYZ	24.6506, 25.7101, 25.8625
YIQ	138.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

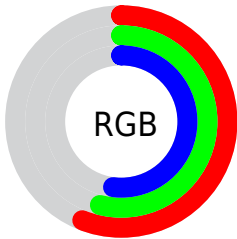
Format	Color
RYB	143, 143, 133
Decimal	9407109
CIELab	57.76, 0.93, 3.31
CIELCh	58, 3.440, 74.400
Yxy	25.7101, 0.3234, 0.3373
Android (android.graphics.Color)	4287597189 (0xFF8F8A85)
YUV	138.9250, -2.9210, 3.5738
Hunter-Lab	50.7051, -1.9551, 5.2523

Details

The Yxy color **25.7101, 0.3234, 0.3373** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1541, 0.3024, 0.3206**, and the grayscale version is **25.7994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6771, 0.3215, 0.3352**, and **9.9467, 0.3272, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **23.3547, 0.3405, 0.3498**, and if you desaturate by 10%, it is **28.2571, 0.3084, 0.3255**.

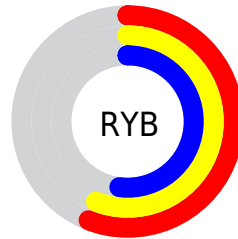
Distribution



Red (56%)

Green (54%)

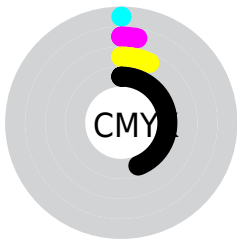
Blue (52%)



Red (56%)

Yellow (56%)

Blue (52%)

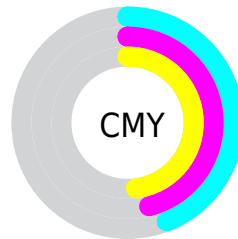


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (44%)



Cyan (44%)


Magenta (46%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7101, 0.3234, 0.3373 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 25.7101, 0.3234, 0.3373 by changing the saturation by 10% instead.


 25.7101, 0.3234,
0.3373


 25.7101, 0.3234,
0.3373


281.3561, 0.3175,
0.3328


 16.6069, 0.3251,
0.3386


 52.8069, 0.3211,
0.3355

 9.9546, 0.3274,
0.3404


 71.5693, 0.3203,
0.3349

 5.3689, 0.3308,
0.3429


 94.3202, 0.3196,
0.3344

 2.4653, 0.3361,
0.3470

121.4439, 0.3191,
0.3340

 0.8592, 0.3493,
0.3577

153.3250, 0.3186,
0.3336

 0.0000, 0.0000,
0.0000

190.3478, 0.3182,

0.3333

232.8967, 0.3178,
0.3330

■ 25.7101, 0.3234,
0.3373

■ 25.7101, 0.3234,
0.3373

■ 23.3547, 0.3405,
0.3498

■ 28.2571, 0.3084,
0.3255

■ 21.1827, 0.3599,
0.3628

■ 30.9969, 0.2952,
0.3145

■ 19.1903, 0.3816,
0.3759

■ 33.9350, 0.2838,
0.3044

■ 17.3724, 0.4056,
0.3886

■ 37.0756, 0.2738,
0.2950

■ 15.7232, 0.4313,
0.4000

■ 40.4227, 0.2650,
0.2865

■ 14.2370, 0.4581,
0.4091

■ 43.9805, 0.2573,
0.2787

■ 12.9073, 0.4846,
0.4148

■ 47.7526, 0.2505,
0.2715

■ 11.7272, 0.5094,
0.4159

■ 51.7429, 0.2445,
0.2649

■ 10.6865, 0.5313,
0.4123

■ 55.5143, 0.2424,
0.2659

Harmonies

Analogous

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



25.7101, 0.3241, 0.3332



25.7101, 0.3234, 0.3373



25.7101, 0.3198, 0.3392

Triad

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



25.7101, 0.3234, 0.3373



25.7101, 0.3037, 0.3298



25.7101, 0.3111, 0.3200

Complementary

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



25.7101, 0.3234, 0.3373



25.1541, 0.3024, 0.3206

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.



25.7101, 0.3057, 0.3190



25.7101, 0.3234, 0.3373



25.7101, 0.3015, 0.3246

Square

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



25.7101, 0.3234, 0.3373



25.7101, 0.3084, 0.3349



25.7101, 0.3021, 0.3207



25.7101, 0.3170, 0.3233

Rectangle

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



25.7101, 0.3234, 0.3373



25.7101, 0.3162, 0.3389



25.7101, 0.3021, 0.3207



25.7101, 0.3091, 0.3193

Sweetspot

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



25.7112, 0.3234, 0.3373



48.2527, 0.3157, 0.3314



24.4615, 0.3186, 0.3205



11.0790, 0.3155, 0.3312



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.7112, 0.3234, 0.3373



45.5249, 0.3253, 0.3388



27.1273, 0.3227, 0.3452



5.8409, 0.3270, 0.3400



9.2332, 0.5372, 0.4116



0.1323, 0.4768, 0.4596

Inverse Universe

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



25.1541, 0.3024, 0.3206



44.3650, 0.3005, 0.3190



23.7993, 0.3024, 0.3123



5.6732, 0.2990, 0.3177



5.8497, 0.1784, 0.1623



0.0999, 0.1998, 0.2391

Previews

White Background



This preview shows how the Yxy color 25.7101, 0.3234, 0.3373 looks on a white background.

Color Contrast Check

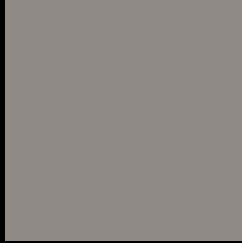
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 25.7101, 0.3234, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

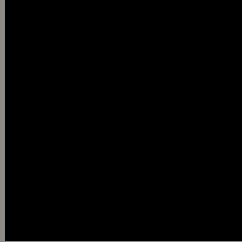
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7101, 0.3234, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 25.7101, 0.3234, 0.3373.



This preview shows how white text looks on a background with the Yxy color 25.7101, 0.3234, 0.3373.

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

25.7101, 0.3234, 0.3373

Protanopia

25.7101, 0.3234, 0.3373

Deuteranopia

25.6414, 0.3357, 0.3291



Tritanopia

25.7346, 0.3114, 0.3112

Trichromacy



Original Color

25.7101, 0.3234, 0.3373

Protanomaly

25.7101, 0.3234, 0.3373

Deuteranomaly

25.5332, 0.3308, 0.3307

Tritanomaly

25.7736, 0.3153, 0.3208

Monochromacy



Original Color

25.7101, 0.3234, 0.3373

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8468, 0.3158, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7101, 0.3234, 0.3373 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(143, 138, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 138, 133)  
}
```

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(143, 138, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 138, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.7101, 0.3234, 0.3373 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(143, 138, 133) }
```

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

```
.border{ border-color:rgb(143, 138, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 138, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 138, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 138, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 138,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7101, 0.3234, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 138, 133) }
```

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

```
.background{ background-color: rgb(143,  
138, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor