

Converting Colors

$Y_{xy}(25.6545, 0.3200, 0.3381)$

Have a look what the booklet for
Yxy(25.6545, 0.3200, 0.3381)
contains.

Yxy(25.7341, 0.3199, 0.3391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.7341, 0.3199, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	8C8B85
RGB	140, 139, 133
RGB Percent	55%, 55%, 52%
CMY	0.4511, 0.4548, 0.4784
CMYK	0.00, 0.01, 0.05, 0.45
HSL	52°, 3%, 54%
HSV	52°, 5%, 55%
XYZ	24.2770, 25.7341, 25.8783
YIQ	138.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

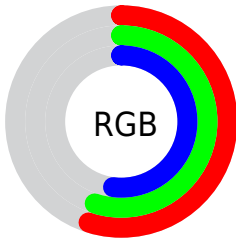
Format	Color
RYB	134, 140, 133
Decimal	9210757
CIELab	57.78, -0.79, 3.33
CIELCh	58, 3.421, 103.401
Yxy	25.7341, 0.3199, 0.3391
Android (android.graphics.Color)	4287400837 (0xFF8C8B85)
YUV	138.6150, -2.7682, 1.2146
Hunter-Lab	50.7288, -3.3515, 5.2645

Details

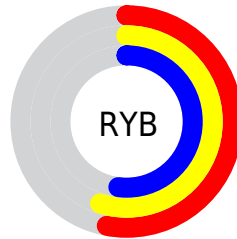
The Yxy color $25.7341, 0.3199, 0.3391$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.9163, 0.3055, 0.3187$, and the grayscale version is $25.6719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7138, 0.3189, 0.3365$, and $9.9585, 0.3220, 0.3415$ is the 20% darker color. If you saturate the color by 10%, you get $24.8249, 0.3350, 0.3600$, and if you desaturate by 10%, it is $26.7067, 0.3057, 0.3191$.

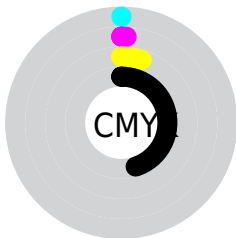
Distribution



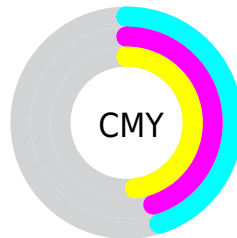
- Red (55%)
- Green (55%)
- Blue (52%)



- Red (53%)
- Yellow (55%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (45%)




- Cyan (45%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7341, 0.3199, 0.3391 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 25.7341, 0.3199, 0.3391 by changing the saturation by 10% instead.


 25.7341, 0.3199,
0.3391


 25.7341, 0.3199,
0.3391


281.4743, 0.3160,
0.3335

 16.6248, 0.3210,
0.3407


 52.8457, 0.3184,
0.3369

 9.9674, 0.3226,
0.3429


 71.6168, 0.3178,
0.3362

 5.3773, 0.3248,
0.3461

 94.3772, 0.3174,
0.3355

 2.4703, 0.3283,
0.3512

121.5115, 0.3170,
0.3350

 0.8617, 0.3378,
0.3641

153.4040, 0.3167,
0.3346

 0.0000, 0.0000,
0.0000

190.4390, 0.3164,

0.3342

233.0010, 0.3162,
0.3338

■ 25.7341, 0.3199,
0.3391

■ 25.7341, 0.3199,
0.3391

■ 24.8249, 0.3350,
0.3600

■ 26.7067, 0.3057,
0.3191

■ 23.9738, 0.3508,
0.3814

■ 27.7415, 0.2926,
0.3001

■ 23.1797, 0.3670,
0.4027

■ 28.8412, 0.2805,
0.2825

■ 22.4401, 0.3830,
0.4231

■ 30.0079, 0.2695,
0.2662

■ 21.7526, 0.3984,
0.4418

■ 31.2430, 0.2595,
0.2513

■ 21.1143, 0.4125,
0.4578

■ 32.5483, 0.2505,
0.2376

■ 20.5221, 0.4247,
0.4704

■ 33.9254, 0.2424,
0.2252

■ 19.9724, 0.4345,
0.4789

■ 35.3757, 0.2351,
0.2139

■ 19.4604, 0.4417,
0.4833

■ 36.6424, 0.2305,
0.2071

Harmonies

Analogous

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



25.7341, 0.3234, 0.3371



25.7341, 0.3199, 0.3391



25.7341, 0.3145, 0.3383

Triad

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



25.7341, 0.3199, 0.3391



25.7341, 0.3015, 0.3248



25.7341, 0.3168, 0.3232

Complementary

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



25.7341, 0.3199, 0.3391



23.9163, 0.3055, 0.3187

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.



25.7341, 0.3109, 0.3199



25.7341, 0.3199, 0.3391



25.7341, 0.3021, 0.3208

Square

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



25.7341, 0.3199, 0.3391



25.7341, 0.3039, 0.3300



25.7341, 0.3055, 0.3191



25.7341, 0.3216, 0.3280

Rectangle

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



25.7341, 0.3199, 0.3391



25.7341, 0.3105, 0.3363



25.7341, 0.3055, 0.3191



25.7341, 0.3148, 0.3219

Sweetspot

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



25.7352, 0.3199, 0.3391



46.0618, 0.3142, 0.3311



24.0705, 0.3195, 0.3273



10.6164, 0.3141, 0.3309



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.7352, 0.3199, 0.3391



45.2069, 0.3216, 0.3415



25.8025, 0.3171, 0.3408



5.7877, 0.3220, 0.3420



17.0997, 0.4448, 0.4850



0.1285, 0.4309, 0.4960

Inverse Universe

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



23.9163, 0.3055, 0.3187



41.2850, 0.3037, 0.3162



23.8554, 0.3082, 0.3172



5.2638, 0.3033, 0.3156



2.1186, 0.1538, 0.0737



0.0263, 0.1679, 0.1244

Previews

White Background



This preview shows how the Yxy color 25.7341, 0.3199, 0.3391 looks on a white background.

Color Contrast Check

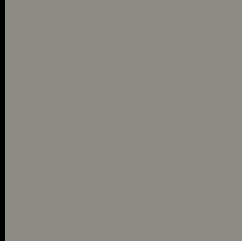
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7341, 0.3199, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

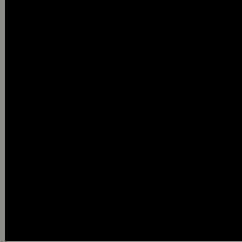
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

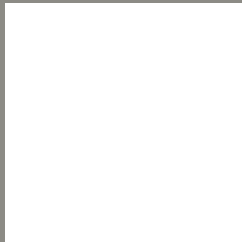
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.7341, 0.3199, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 25.7341, 0.3199, 0.3391.



This preview shows how white text looks on a background with the Yxy color 25.7341, 0.3199, 0.3391.

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

25.7341, 0.3199, 0.3391

Protanopia

25.7101, 0.3234, 0.3373

Deuteranopia

25.6414, 0.3357, 0.3291



Tritanopia

25.7802, 0.3070, 0.3111

Trichromacy



Original Color

25.7341, 0.3199, 0.3391

Protanomaly

25.6212, 0.3223, 0.3374

Deuteranomaly

25.7191, 0.3295, 0.3323

Tritanomaly

25.8228, 0.3109, 0.3208

Monochromacy



Original Color

25.7341, 0.3199, 0.3391

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.7603, 0.3147, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7341, 0.3199, 0.3391 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(140, 139, 133)` looks like.

```
.text, #text, p{  
    color:rgb(140, 139, 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(140, 139, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 139, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.7341, 0.3199, 0.3391 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(140, 139, 133) }
```

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

```
.border{ border-color:rgb(140, 139, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 139, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 139, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 139, 133);  
box-shadow:4px 4px 4px 4px rgb(140, 139,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7341, 0.3199, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 139, 133) }
```

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

```
.background{ background-color: rgb(140,  
139, 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