

Converting Colors

$Yxy(25.5456, 0.3405, 0.3251)$

Have a look what the booklet for
Yxy(25.5456, 0.3405, 0.3251)
contains.

Yxy(25.5209, 0.3396, 0.3243)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.5209, 0.3396, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	9E8487
RGB	158, 132, 135
RGB Percent	62%, 52%, 53%
CMY	0.3804, 0.4823, 0.4705
CMYK	0.00, 0.16, 0.15, 0.38
HSL	353°, 12%, 57%
HSV	353°, 16%, 62%
XYZ	26.7249, 25.5209, 26.4495
YIQ	140.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

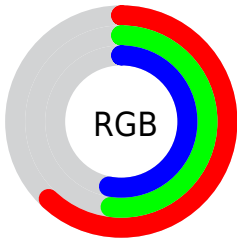
Format	Color
R_{YB}	158, 132, 135
Decimal	10388615
CIE _{Lab}	57.58, 10.41, 2.07
CIE _{LCh}	58, 10.615, 11.247
Yxy	25.5209, 0.3396, 0.3243
Android (android.graphics.Color)	4288578695 (0xFF9E8487)
YUV	140.1160, -2.5222, 15.6843
Hunter-Lab	50.5182, 6.0225, 4.3207

Details

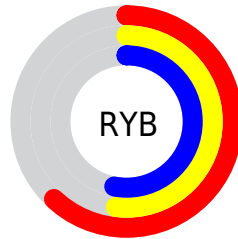
The Yxy color $25.5209, 0.3396, 0.3243$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.7215, 0.2910, 0.3338$, and the grayscale version is $26.2795, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4749, 0.3341, 0.3255$, and $9.7546, 0.3502, 0.3222$ is the 20% darker color. If you saturate the color by 10%, you get $21.1886, 0.3612, 0.3212$, and if you desaturate by 10%, it is $30.5560, 0.3221, 0.3272$.

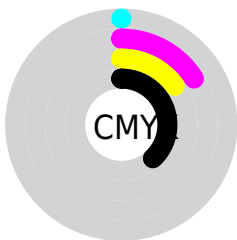
Distribution



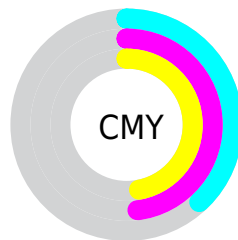
- Red (62%)
- Green (52%)
- Blue (53%)



- Red (62%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (38%)





- Cyan (38%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5209, 0.3396, 0.3243 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 25.5209, 0.3396, 0.3243 by changing the saturation by 10% instead.


 25.5209, 0.3396,
0.3243


 25.5209, 0.3396,
0.3243


280.4222, 0.3248,
0.3270


 16.4656, 0.3439,
0.3235


 52.5010, 0.3338,
0.3254

 9.8542, 0.3497,
0.3224


 71.1946, 0.3318,
0.3257

 5.3024, 0.3583,
0.3206

 93.8697, 0.3301,
0.3260

 2.4258, 0.3720,
0.3178

120.9108, 0.3287,
0.3263

 0.8391, 0.3995,
0.3134

152.7022, 0.3275,
0.3265

 0.0000, 0.0000,
0.0000

189.6283, 0.3264,

0.3267

232.0735, 0.3255,
0.3268

■ 25.5209, 0.3396,
0.3243

■ 25.5209, 0.3396,
0.3243

■ 21.1886, 0.3612,
0.3212

■ 30.5560, 0.3221,
0.3272

■ 17.5245, 0.3877,
0.3182

■ 36.3196, 0.3080,
0.3299

■ 14.4965, 0.4198,
0.3154

■ 42.8403, 0.2966,
0.3324

■ 12.0681, 0.4576,
0.3132

■ 50.1442, 0.2873,
0.3347

■ 10.1995, 0.4998,
0.3121

■ 58.2561, 0.2797,
0.3368

■ 8.8457, 0.5436,
0.3128

■ 67.1997, 0.2735,
0.3386

■ 7.9551, 0.5838,
0.3156

■ 76.9977, 0.2683,
0.3403

■ 7.4531, 0.6149,
0.3201

■ 85.4857, 0.2634,
0.3381

■ 7.3130, 0.6240,
0.3211

■ 86.0080, 0.2596,
0.3288

Harmonies

Analogous

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



25.5209, 0.3239, 0.3103



25.5209, 0.3396, 0.3243



25.5209, 0.3480, 0.3399

Triad

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



25.5209, 0.3396, 0.3243



25.5209, 0.3192, 0.3591



25.5209, 0.2798, 0.3041

Complementary

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



25.5209, 0.3396, 0.3243



31.7215, 0.2910, 0.3338

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.



25.5209, 0.2787, 0.3165



25.5209, 0.3396, 0.3243



25.5209, 0.3011, 0.3489

Square

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



25.5209, 0.3396, 0.3243



25.5209, 0.3360, 0.3605



25.5209, 0.2864, 0.3330



25.5209, 0.2894, 0.2986

Rectangle

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



25.5209, 0.3396, 0.3243



25.5209, 0.3482, 0.3492



25.5209, 0.2864, 0.3330



25.5209, 0.2784, 0.3075

Sweetspot

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



25.5220, 0.3396, 0.3243



56.8317, 0.3201, 0.3276



25.9366, 0.3112, 0.2890



12.6644, 0.3211, 0.3274



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.5220, 0.3396, 0.3243



43.1017, 0.3476, 0.3231



28.2699, 0.3406, 0.3447



6.6581, 0.3267, 0.3264



5.8611, 0.6225, 0.3203



0.1080, 0.5563, 0.2838

Inverse Universe

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



25.5220, 0.3396, 0.3243



43.1017, 0.3476, 0.3231



28.5630, 0.2878, 0.3128



6.6581, 0.3267, 0.3264



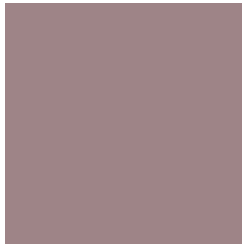
5.8611, 0.6225, 0.3203



0.1080, 0.5563, 0.2838

Previews

White Background



This preview shows how the Yxy color 25.5209, 0.3396, 0.3243 looks on a white background.

Color Contrast Check

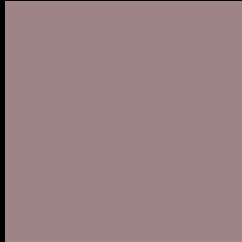
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5209, 0.3396, 0.3243 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 25.5209, 0.3396, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 25.5209, 0.3396, 0.3243.



This preview shows how white text looks on a background with the Yxy color 25.5209, 0.3396, 0.3243.

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

25.5209, 0.3396, 0.3243

Protanopia

25.6747, 0.3160, 0.3290

Deuteranopia

25.5718, 0.3334, 0.3275



Tritanopia

25.5266, 0.3343, 0.3134

Trichromacy



Original Color

25.5209, 0.3396, 0.3243

Protanomaly

25.6175, 0.3240, 0.3274

Deuteranomaly

25.4929, 0.3359, 0.3259

Tritanomaly

25.4676, 0.3365, 0.3165

Monochromacy



Original Color

25.5209, 0.3396, 0.3243

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9293, 0.3228, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5209, 0.3396, 0.3243 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(158, 132, 135)` looks like.

```
.text, #text, p{  
    color:rgb(158, 132, 135)  
}
```

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(158, 132, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 132, 135) }
```

Border

The CSS property to change the border of an element to Yxy 25.5209, 0.3396, 0.3243 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(158, 132, 135) }
```

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

```
.border{ border-color:rgb(158, 132, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 132, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 132, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 132, 135);  
box-shadow:4px 4px 4px 4px rgb(158, 132,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5209, 0.3396, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 132, 135) }
```

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

```
.background{ background-color: rgb(158,  
132, 135) }
```

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