

Converting Colors

$Y_{xy}(25.4940, 0.3230, 0.3495)$

Have a look what the booklet for
Yxy(25.4940, 0.3230, 0.3495)
contains.

Yxy(25.4008, 0.3239, 0.3495)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4008, 0.3239, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	8A8B7F
RGB	138, 139, 127
RGB Percent	54%, 55%, 50%
CMY	0.4589, 0.4548, 0.5020
CMYK	0.01, 0.00, 0.09, 0.45
HSL	65°, 5%, 52%
HSV	65°, 9%, 55%
XYZ	23.5403, 25.4008, 23.7365
YIQ	137.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

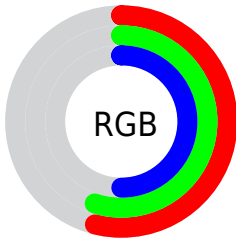
Format	Color
R_{YB}	127, 139, 128
Decimal	9079679
CIE Lab	57.46, -2.66, 6.29
CIE LCh	57, 6.830, 112.884
Yxy	25.4008, 0.3239, 0.3495
Android (android.graphics.Color)	4287269759 (0xFF8A8B7F)
YUV	137.3330, -5.0942, 0.5850
Hunter-Lab	50.3992, -4.8256, 7.3557

Details

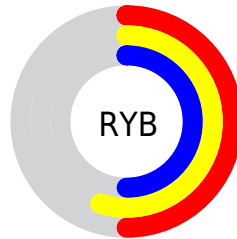
The Yxy color $25.4008, 0.3239, 0.3495$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $21.6318, 0.3010, 0.3078$, and the grayscale version is $25.1663, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0709, 0.3210, 0.3441$, and $9.7695, 0.3279, 0.3570$ is the 20% darker color. If you saturate the color by 10%, you get $24.9619, 0.3371, 0.3740$, and if you desaturate by 10%, it is $25.8931, 0.3110, 0.3259$.

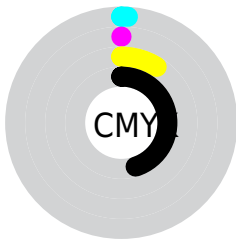
Distribution



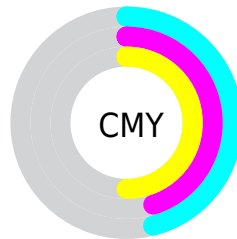
- Red (54%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4008, 0.3239, 0.3495 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 25.4008, 0.3239, 0.3495 by changing the saturation by 10% instead.

■ 25.4008, 0.3239,
0.3495

■ 25.4008, 0.3239,
0.3495

279.8281, 0.3178,
0.3381

■ 16.3759, 0.3256,
0.3528

■ 52.3067, 0.3215,
0.3451

■ 9.7906, 0.3280,
0.3573

■ 70.9565, 0.3207,
0.3435

■ 5.2603, 0.3314,
0.3640

■ 93.5834, 0.3200,
0.3422

■ 2.4008, 0.3368,
0.3747

120.5718, 0.3194,
0.3411

■ 0.8263, 0.3591,
0.4118

152.3060, 0.3189,
0.3402

■ 0.0000, 0.0000,
0.0000

189.1706, 0.3185,

0.3394

231.5498, 0.3181,
0.3387

■ 25.4008, 0.3239,
0.3495

■ 25.4008, 0.3239,
0.3495

■ 24.9619, 0.3371,
0.3740

■ 25.8931, 0.3110,
0.3259

■ 24.5710, 0.3503,
0.3988

■ 26.4373, 0.2987,
0.3035

■ 24.2270, 0.3629,
0.4233

■ 27.0365, 0.2870,
0.2827

■ 23.9276, 0.3747,
0.4465

■ 27.6923, 0.2762,
0.2634

■ 23.6703, 0.3849,
0.4674

■ 28.4064, 0.2662,
0.2458

■ 23.4522, 0.3932,
0.4854

■ 29.1803, 0.2570,
0.2298

■ 23.2701, 0.3992,
0.4995

■ 30.0157, 0.2487,
0.2154

■ 23.1204, 0.4028,
0.5095

■ 30.9139, 0.2411,
0.2023

■ 22.9946, 0.4044,
0.5161

■ 31.8765, 0.2342,
0.1905

Harmonies

Analogous

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



25.4008, 0.3325, 0.3471



25.4008, 0.3239, 0.3495



25.4008, 0.3124, 0.3462

Triad

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



25.4008, 0.3239, 0.3495



25.4008, 0.2902, 0.3175



25.4008, 0.3242, 0.3201

Complementary

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



25.4008, 0.3239, 0.3495



21.6318, 0.3010, 0.3078

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.



25.4008, 0.3127, 0.3126



25.4008, 0.3239, 0.3495



25.4008, 0.2932, 0.3109

Square

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



25.4008, 0.3239, 0.3495



25.4008, 0.2931, 0.3275



25.4008, 0.3014, 0.3092



25.4008, 0.3328, 0.3300

Rectangle

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



25.4008, 0.3239, 0.3495



25.4008, 0.3047, 0.3412



25.4008, 0.3014, 0.3092



25.4008, 0.3206, 0.3173

Sweetspot

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



25.4019, 0.3239, 0.3495



45.9605, 0.3166, 0.3362



22.4580, 0.3269, 0.3308



10.5751, 0.3176, 0.3380



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.



25.4019, 0.3239, 0.3495



45.3515, 0.3260, 0.3533



24.9066, 0.3172, 0.3499



5.8233, 0.3245, 0.3507



20.7380, 0.4046, 0.5169



0.1408, 0.4124, 0.5108

Inverse Universe

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



21.6318, 0.3010, 0.3078



37.4605, 0.2988, 0.3037



22.1088, 0.3079, 0.3082



4.9117, 0.3003, 0.3065



1.7570, 0.1539, 0.0622



0.0140, 0.1718, 0.0720

Previews

White Background



This preview shows how the Yxy color 25.4008, 0.3239, 0.3495 looks on a white background.

Color Contrast Check

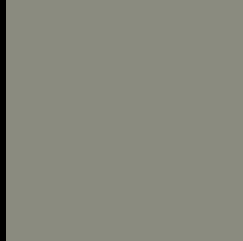
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4008, 0.3239, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

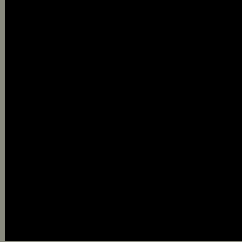
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

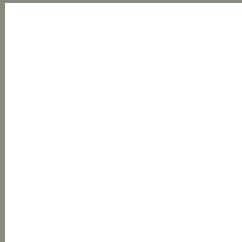
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.4008, 0.3239, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 25.4008, 0.3239, 0.3495.



This preview shows how white text looks on a background with the Yxy color 25.4008, 0.3239, 0.3495.

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

25.4008, 0.3239, 0.3495

Protanopia

25.2373, 0.3310, 0.3475

Deuteranopia

25.3021, 0.3438, 0.3371



Tritanopia

25.3776, 0.3070, 0.3109

Trichromacy



Original Color

25.4008, 0.3239, 0.3495

Protanomaly

25.3460, 0.3285, 0.3493

Deuteranomaly

25.2760, 0.3362, 0.3406

Tritanomaly

25.3602, 0.3130, 0.3240

Monochromacy



Original Color

25.4008, 0.3239, 0.3495

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1888, 0.3167, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4008, 0.3239, 0.3495 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(138, 139, 127)` looks like.

```
.text, #text, p{  
    color:rgb(138, 139, 127)  
}
```

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(138, 139, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 139, 127) }
```

Border

The CSS property to change the border of an element to Yxy 25.4008, 0.3239, 0.3495 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(138, 139, 127) }
```

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

```
.border{ border-color:rgb(138, 139, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 139, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 139, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 139, 127);  
box-shadow:4px 4px 4px 4px rgb(138, 139,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4008, 0.3239, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 139, 127) }
```

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

```
.background{ background-color: rgb(138,  
139, 127) }
```

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