

Converting Colors

$Y_{xy}(25.4331, 0.3941, 0.4089)$

Have a look what the booklet for
Yxy(25.4331, 0.3941, 0.4089)
contains.

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Color

Yxy(25.5333, 0.3939, 0.4098)

Conversions

Conversions Part 1

Format	Color
Hex	9E8855
RGB	158, 136, 85
RGB Percent	62%, 53%, 33%
CMY	0.3804, 0.4666, 0.6666
CMYK	0.00, 0.14, 0.46, 0.38
HSL	42°, 30%, 48%
HSV	42°, 46%, 62%
XYZ	24.5426, 25.5333, 12.2308
YIQ	136.7640, 29.4830, -11.1970

Conversions

Conversions Part 2

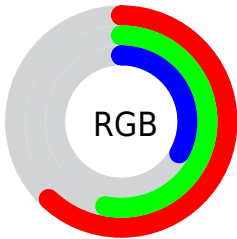
Format	Color
R_{YB}	116, 158, 85
Decimal	10389589
CIE _{Lab}	57.59, 1.19, 30.38
CIE _{LCh}	58, 30.405, 87.758
Yxy	25.5333, 0.3939, 0.4098
Android (android.graphics.Color)	4288579669 (0xFF9E8855)
YUV	136.7640, -25.5197, 18.6240
Hunter-Lab	50.5305, -1.7310, 21.0203

Details

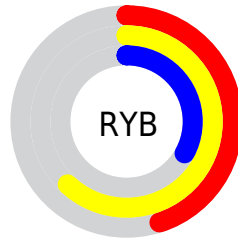
The Yxy color $25.5333, 0.3939, 0.4098$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.9124, 0.2352, 0.2312$, and the grayscale version is $25.0126, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4406, 0.3778, 0.3939$, and $9.7988, 0.4219, 0.4350$ is the 20% darker color. If you saturate the color by 10%, you get $24.0001, 0.4137, 0.4256$, and if you desaturate by 10%, it is $27.1845, 0.3744, 0.3925$.

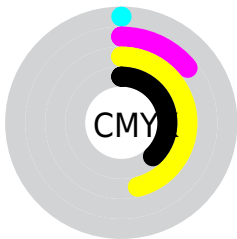
Distribution



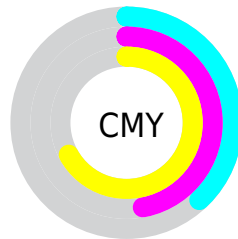
- Red (62%)
- Green (53%)
- Blue (33%)



- Red (45%)
- Yellow (62%)
- Blue (33%)



- Cyan (0%)
- Magenta (14%)
- Yellow (46%)
- Black (38%)





- Cyan (38%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5333, 0.3939, 0.4098 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 25.5333, 0.3939, 0.4098 by changing the saturation by 10% instead.


 25.5333, 0.3939,
0.4098


 25.5333, 0.3939,
0.4098


280.4835, 0.3501,
0.3665

 16.4748, 0.4056,
0.4212


 52.5211, 0.3773,
0.3935

 9.8608, 0.4207,
0.4358


 71.2192, 0.3713,
0.3875

 5.3067, 0.4405,
0.4548

 93.8993, 0.3663,
0.3825

 2.4283, 0.4934,
0.5066

 120.9458, 0.3620,
0.3783

 0.8404, 0.4962,
0.5038

 152.7430, 0.3584,
0.3747

 0.0000, 0.0000,
0.0000

189.6755, 0.3552,

0.3716

232.1275, 0.3525,
0.3689

■ 25.5333, 0.3939,
0.4098

■ 25.5333, 0.3939,
0.4098

■ 24.0001, 0.4137,
0.4256

■ 27.1845, 0.3744,
0.3925

■ 22.5767, 0.4329,
0.4388

■ 28.9542, 0.3557,
0.3746

■ 21.2593, 0.4508,
0.4484

■ 30.8476, 0.3381,
0.3567

■ 20.0423, 0.4663,
0.4537

■ 32.8683, 0.3220,
0.3393

■ 18.9178, 0.4791,
0.4543

■ 35.0196, 0.3073,
0.3228

■ 18.5078, 0.4838,
0.4541

■ 37.3051, 0.2940,
0.3073

■ 39.7277, 0.2821,
0.2929

■ 42.2904, 0.2715,
0.2796

■ 44.9963, 0.2620,
0.2674

Harmonies

Analogous

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



25.5333, 0.4156, 0.3765



25.5333, 0.3939, 0.4098



25.5333, 0.3510, 0.4235

Triad

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



25.5333, 0.3939, 0.4098



25.5333, 0.2260, 0.3102



25.5333, 0.3191, 0.2657

Complementary

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



25.5333, 0.3939, 0.4098



14.9124, 0.2352, 0.2312

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.



25.5333, 0.2694, 0.2486



25.5333, 0.3939, 0.4098



25.5333, 0.2191, 0.2698

Square

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



25.5333, 0.3939, 0.4098



25.5333, 0.2545, 0.3622



25.5333, 0.2342, 0.2492



25.5333, 0.3711, 0.2967

Rectangle

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



25.5333, 0.3939, 0.4098



25.5333, 0.3169, 0.4158



25.5333, 0.2342, 0.2492



25.5333, 0.3015, 0.2583

Sweetspot

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



25.5345, 0.3939, 0.4098



56.7161, 0.3349, 0.3533



14.8514, 0.3938, 0.2915



12.6217, 0.3384, 0.3569



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.



25.5345, 0.3939, 0.4098



43.6240, 0.4134, 0.4254



31.0890, 0.3649, 0.4453



7.3828, 0.3268, 0.3446



14.8969, 0.4831, 0.4546



0.3364, 0.4527, 0.4788

Inverse Universe

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



14.9124, 0.2352, 0.2312



22.0273, 0.2178, 0.2056



11.5849, 0.2421, 0.1934



6.7448, 0.2988, 0.3129



3.7052, 0.1621, 0.1034



0.1354, 0.1831, 0.1791

Previews

White Background



This preview shows how the Yxy color 25.5333, 0.3939, 0.4098 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 25.5333, 0.3939, 0.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

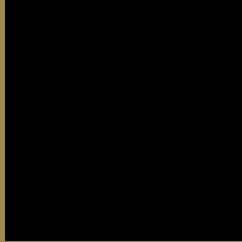
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5333, 0.3939, 0.4098

Background



This preview shows how black text looks on a background with the Yxy color 25.5333, 0.3939, 0.4098.



This preview shows how white text looks on a background with the Yxy color 25.5333, 0.3939, 0.4098.

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

25.5333, 0.3939, 0.4098

Protanopia

25.4282, 0.3830, 0.4139

Deuteranopia

25.3899, 0.4067, 0.3992



Tritanopia

25.3511, 0.3416, 0.3136

Trichromacy



Original Color

25.5333, 0.3939, 0.4098

Protanomaly

25.4332, 0.3873, 0.4113

Deuteranomaly

25.3395, 0.4023, 0.4017

Tritanomaly

25.4115, 0.3617, 0.3497

Monochromacy



Original Color

25.5333, 0.3939, 0.4098

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.2191, 0.3420, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5333, 0.3939, 0.4098 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, 136, 85)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 85)  
}
```

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, 136, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 85) }
```

Border

The CSS property to change the border of an element to Yxy 25.5333, 0.3939, 0.4098 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, 136, 85) }
```

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

```
.border{ border-color:rgb(158, 136, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 85);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5333, 0.3939, 0.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 85) }
```

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

```
.background{ background-color: rgb(158,  
136, 85) }
```

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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