

Converting Colors

$Y_{xy}(25.3993, 0.3404, 0.3733)$

Have a look what the booklet for
Yxy(25.3993, 0.3404, 0.3733)
contains.

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Color

Yxy(25.2556, 0.3399, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	8C8B72
RGB	140, 139, 114
RGB Percent	55%, 55%, 45%
CMY	0.4510, 0.4549, 0.5530
CMYK	0.00, 0.01, 0.19, 0.45
HSL	58°, 10%, 50%
HSV	58°, 19%, 55%
XYZ	23.0825, 25.2556, 19.5716
YIQ	136.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

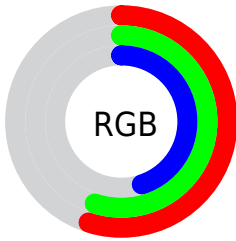
Format	Color
R_{YB}	115, 140, 114
Decimal	9210738
CIE Lab	57.32, -4.10, 13.55
CIE LCh	57, 14.155, 106.838
Yxy	25.2556, 0.3399, 0.3719
Android (android.graphics.Color)	4287400818 (0xFF8C8B72)
YUV	136.4490, -11.0674, 3.1142
Hunter-Lab	50.2550, -5.9597, 12.0882

Details

The Yxy color **25.2556, 0.3399, 0.3719** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.7211, 0.2833, 0.2822**, and the grayscale version is **24.8371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9218, 0.3344, 0.3619**, and **9.7118, 0.3502, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **24.8099, 0.3549, 0.3954**, and if you desaturate by 10%, it is **25.7530, 0.3251, 0.3485**.

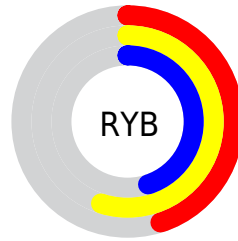
Distribution



Red (55%)

Green (55%)

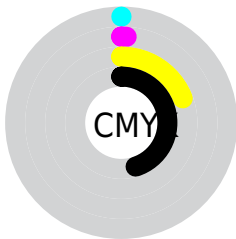
Blue (45%)



Red (45%)

Yellow (55%)

Blue (45%)

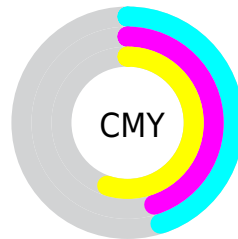


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2556, 0.3399, 0.3719 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 25.2556, 0.3399, 0.3719 by changing the saturation by 10% instead.


 25.2556, 0.3399,
0.3719

 25.2556, 0.3399,
0.3719


279.1085, 0.3251,
0.3481


 16.2676, 0.3440,
0.3788


 52.0716, 0.3342,
0.3626


 9.7137, 0.3497,
0.3883


 70.6683, 0.3321,
0.3593

 5.2095, 0.3576,
0.4022

 93.2368, 0.3305,
0.3566

 2.3707, 0.3697,
0.4242

 120.1614, 0.3290,
0.3543

 0.8108, 0.4527,
0.5473

151.8264, 0.3278,
0.3524

 0.0000, 0.0000,
0.0000

188.6163, 0.3268,

0.3507

230.9156, 0.3259,
0.3493

■ 25.2556, 0.3399,
0.3719

■ 25.2556, 0.3399,
0.3719

■ 24.8099, 0.3549,
0.3954

■ 25.7530, 0.3251,
0.3485

■ 24.4104, 0.3697,
0.4183

■ 26.3010, 0.3107,
0.3258

■ 24.0559, 0.3836,
0.4397

■ 26.9024, 0.2971,
0.3042

■ 23.7437, 0.3963,
0.4588

■ 27.5593, 0.2845,
0.2840

■ 23.4709, 0.4070,
0.4747

■ 28.2733, 0.2728,
0.2652

■ 23.2344, 0.4155,
0.4868

■ 29.0462, 0.2621,
0.2480

■ 23.0304, 0.4214,
0.4948

■ 29.8795, 0.2523,
0.2322

■ 22.8504, 0.4253,
0.4994

■ 30.7748, 0.2435,
0.2179

■ 22.8252, 0.4259,
0.5001

■ 31.7336, 0.2356,
0.2050

Harmonies

Analogous

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



25.2556, 0.3563, 0.3636



25.2556, 0.3399, 0.3719



25.2556, 0.3166, 0.3680

Triad

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



25.2556, 0.3399, 0.3719



25.2556, 0.2669, 0.3083



25.2556, 0.3319, 0.3073

Complementary

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



25.2556, 0.3399, 0.3719



17.7211, 0.2833, 0.2822

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.



25.2556, 0.3074, 0.2937



25.2556, 0.3399, 0.3719



25.2556, 0.2705, 0.2935

Square

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



25.2556, 0.3399, 0.3719



25.2556, 0.2749, 0.3299



25.2556, 0.2851, 0.2885



25.2556, 0.3518, 0.3263

Rectangle

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



25.2556, 0.3399, 0.3719



25.2556, 0.3004, 0.3585



25.2556, 0.2851, 0.2885



25.2556, 0.3239, 0.3019

Sweetspot

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



25.2567, 0.3399, 0.3719



45.6413, 0.3215, 0.3429



18.8488, 0.3457, 0.3268



10.5049, 0.3223, 0.3442



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.



25.2567, 0.3399, 0.3719



44.2215, 0.3457, 0.3811



24.5781, 0.3262, 0.3754



5.8133, 0.3259, 0.3498



20.2919, 0.4258, 0.5001



0.1395, 0.4223, 0.5029

Inverse Universe

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



17.7211, 0.2833, 0.2822



28.5802, 0.2764, 0.2710



18.3348, 0.2972, 0.2822



4.9205, 0.2991, 0.3073



1.7907, 0.1510, 0.0635



0.0153, 0.1554, 0.0794

Previews

White Background



This preview shows how the Yxy color 25.2556, 0.3399, 0.3719 looks on a white background.

Color Contrast Check

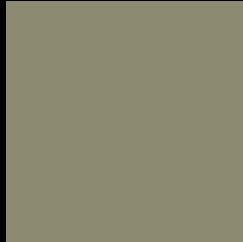
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2556, 0.3399, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

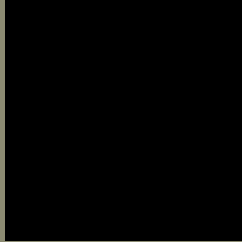
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

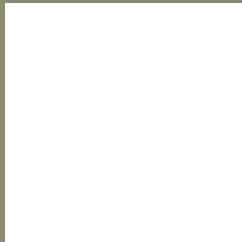
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.2556, 0.3399, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 25.2556, 0.3399, 0.3719.



This preview shows how white text looks on a background with the Yxy color 25.2556, 0.3399, 0.3719.

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

25.2556, 0.3399, 0.3719

Protanopia

25.1033, 0.3475, 0.3695

Deuteranopia

25.1113, 0.3639, 0.3563



Tritanopia

25.3016, 0.3124, 0.3127

Trichromacy



Original Color

25.2556, 0.3399, 0.3719

Protanomaly

25.2089, 0.3448, 0.3715

Deuteranomaly

25.2412, 0.3543, 0.3619

Tritanomaly

25.1692, 0.3227, 0.3324

Monochromacy



Original Color

25.2556, 0.3399, 0.3719

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7682, 0.3221, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2556, 0.3399, 0.3719 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(140, 139, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 139, 114) }
```

Border

The CSS property to change the border of an element to Yxy 25.2556, 0.3399, 0.3719 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, 114) }
```

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

```
.border{ border-color:rgb(140, 139, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 139, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 139, 114);  
box-shadow:4px 4px 4px 4px rgb(140, 139,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2556, 0.3399, 0.3719 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, 114) }
```

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

```
.background{ background-color: rgb(140,  
139, 114) }
```

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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