

Converting Colors

$Y_{xy}(25.3487, 0.3502, 0.3866)$

Have a look what the booklet for
Yxy(25.3487, 0.3502, 0.3866)
contains.

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Color

Yxy(25.1686, 0.3496, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	8D8B6A
RGB	141, 139, 106
RGB Percent	55%, 55%, 42%
CMY	0.4470, 0.4549, 0.5844
CMYK	0.00, 0.01, 0.25, 0.45
HSL	57°, 14%, 48%
HSV	57°, 25%, 55%
XYZ	22.8188, 25.1686, 17.2838
YIQ	135.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

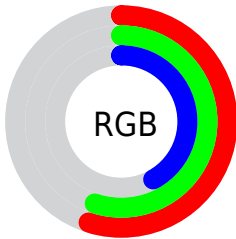
Format	Color
R_{YB}	108, 141, 106
Decimal	9276266
CIE _{Lab}	57.24, -4.93, 17.98
CIE _{LCh}	57, 18.648, 105.327
Yxy	25.1686, 0.3496, 0.3856
Android (android.graphics.Color)	4287466346 (0xFF8D8B6A)
YUV	135.8360, -14.7091, 4.5288
Hunter-Lab	50.1683, -6.6046, 14.6914

Details

The Yxy color $25.1686, 0.3496, 0.3856$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.7075, 0.2721, 0.2653$, and the grayscale version is $24.6091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7357, 0.3424, 0.3734$, and $9.6239, 0.3626, 0.4080$ is the 20% darker color. If you saturate the color by 10%, you get $24.6670, 0.3648, 0.4084$, and if you desaturate by 10%, it is $25.7224, 0.3344, 0.3625$.

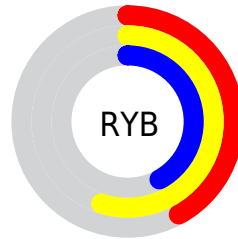
Distribution



Red (55%)

Green (55%)

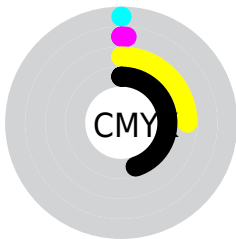
Blue (42%)



Red (42%)

Yellow (55%)

Blue (42%)

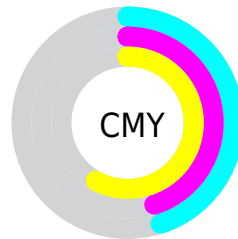


Cyan (0%)

Magenta (1%)

Yellow (25%)

Black (45%)



Cyan (45%)


Magenta (45%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1686, 0.3496, 0.3856 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 25.1686, 0.3496, 0.3856 by changing the saturation by 10% instead.


 25.1686, 0.3496,
0.3856


 25.1686, 0.3496,
0.3856


278.6765, 0.3296,
0.3541


 16.2027, 0.3551,
0.3947


 51.9306, 0.3419,
0.3733


 9.6677, 0.3625,
0.4071


 70.4955, 0.3392,
0.3690

 5.1792, 0.3728,
0.4250

 93.0289, 0.3369,
0.3654

 2.3528, 0.3882,
0.4536

 119.9151, 0.3350,
0.3624

 0.8014, 0.4445,
0.5555

151.5386, 0.3333,
0.3599

 0.0000, 0.0000,
0.0000

188.2838, 0.3319,

0.3577

230.5349, 0.3307,
0.3558

■ 25.1686, 0.3496,
0.3856

■ 25.1686, 0.3496,
0.3856

■ 24.6670, 0.3648,
0.4084

■ 25.7224, 0.3344,
0.3625

■ 24.2119, 0.3794,
0.4302

■ 26.3273, 0.3196,
0.3397

■ 23.8018, 0.3930,
0.4500

■ 26.9864, 0.3055,
0.3179

■ 23.4340, 0.4050,
0.4670

■ 27.7017, 0.2923,
0.2972

■ 23.1053, 0.4149,
0.4804

■ 28.4751, 0.2800,
0.2779

■ 22.8121, 0.4223,
0.4898

■ 29.3082, 0.2688,
0.2600

■ 22.5496, 0.4273,
0.4951

■ 30.2028, 0.2585,
0.2437

■ 22.4195, 0.4295,
0.4972

■ 31.1605, 0.2492,
0.2288

■ 32.1829, 0.2408,
0.2153

Harmonies

Analogous

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



25.1686, 0.3709, 0.3732



25.1686, 0.3496, 0.3856



25.1686, 0.3190, 0.3818

Triad

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



25.1686, 0.3496, 0.3856



25.1686, 0.2531, 0.3025



25.1686, 0.3363, 0.2995

Complementary

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



25.1686, 0.3496, 0.3856



15.7075, 0.2721, 0.2653

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.



25.1686, 0.3038, 0.2825



25.1686, 0.3496, 0.3856



25.1686, 0.2571, 0.2830

Square

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



25.1686, 0.3496, 0.3856



25.1686, 0.2641, 0.3313



25.1686, 0.2751, 0.2763



25.1686, 0.3634, 0.3238

Rectangle

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



25.1686, 0.3496, 0.3856



25.1686, 0.2978, 0.3697



25.1686, 0.2751, 0.2763



25.1686, 0.3256, 0.2928

Sweetspot

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



25.1697, 0.3496, 0.3856



46.8824, 0.3230, 0.3449



17.0559, 0.3593, 0.3249



10.4595, 0.3237, 0.3460



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.



25.1697, 0.3496, 0.3856



44.5352, 0.3584, 0.3989



24.5155, 0.3313, 0.3923



6.2332, 0.3260, 0.3495



20.4470, 0.4294, 0.4972



0.2059, 0.4239, 0.5016

Inverse Universe

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



15.7075, 0.2721, 0.2653



24.4884, 0.2612, 0.2479



16.3026, 0.2902, 0.2647



5.3015, 0.2990, 0.3076



1.9216, 0.1514, 0.0651



0.0263, 0.1581, 0.0890

Previews

White Background



This preview shows how the Yxy color 25.1686, 0.3496, 0.3856 looks on a white background.

Color Contrast Check

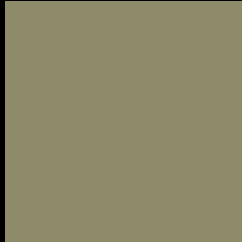
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1686, 0.3496, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

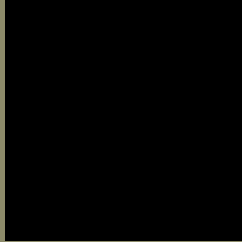
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

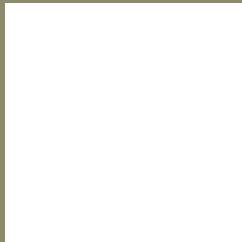
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1686, 0.3496, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 25.1686, 0.3496, 0.3856.



This preview shows how white text looks on a background with the Yxy color 25.1686, 0.3496, 0.3856.

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

25.1686, 0.3496, 0.3856

Protanopia

25.1143, 0.3586, 0.3828

Deuteranopia

25.1411, 0.3756, 0.3689



Tritanopia

25.1748, 0.3157, 0.3128

Trichromacy



Original Color

25.1686, 0.3496, 0.3856

Protanomaly

25.2166, 0.3558, 0.3848

Deuteranomaly

25.2595, 0.3657, 0.3748

Tritanomaly

25.1493, 0.3281, 0.3391

Monochromacy



Original Color

25.1686, 0.3496, 0.3856

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7753, 0.3264, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1686, 0.3496, 0.3856 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(141, 139, 106)` looks like.

```
.text, #text, p{  
    color:rgb(141, 139, 106)  
}
```

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(141, 139, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 139, 106) }
```

Border

The CSS property to change the border of an element to Yxy 25.1686, 0.3496, 0.3856 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(141, 139, 106) }
```

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

```
.border{ border-color:rgb(141, 139, 106) }
```

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

Here you see how a box with a 4 pixel rgb(141, 139, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 139, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 139, 106);  
box-shadow:4px 4px 4px 4px rgb(141, 139,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1686, 0.3496, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 139, 106) }
```

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

```
.background{ background-color: rgb(141,  
139, 106) }
```

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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