

Converting Colors

$Y_{xy}(25.0641, 0.3464, 0.3965)$

Have a look what the booklet for
Yxy(25.0641, 0.3464, 0.3965)
contains.

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Color

Yxy(25.1600, 0.3460, 0.3972)

Conversions

Conversions Part 1

Format	Color
Hex	878D66
RGB	135, 141, 102
RGB Percent	53%, 55%, 40%
CMY	0.4705, 0.4471, 0.6001
CMYK	0.04, 0.00, 0.28, 0.45
HSL	69°, 16%, 48%
HSV	69°, 28%, 55%
XYZ	21.9168, 25.1600, 16.2666
YIQ	134.7600, 8.9430, -13.4010

Conversions

Conversions Part 2

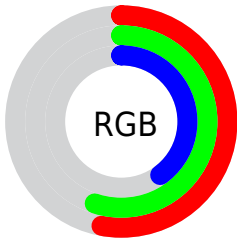
Format	Color
R_{YB}	102, 141, 108
Decimal	8883558
CIE _{Lab}	57.23, -9.04, 20.14
CIE _{LCh}	57, 22.075, 114.183
Yxy	25.1600, 0.3460, 0.3972
Android (android.graphics.Color)	4287073638 (0xFF878D66)
YUV	134.7600, -16.1507, 0.2105
Hunter-Lab	50.1597, -9.7857, 15.8843

Details

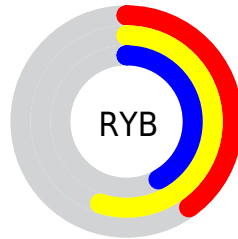
The Yxy color **25.1600, 0.3460, 0.3972** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.6077, 0.2735, 0.2539**, and the grayscale version is **24.1946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1489, 0.3397, 0.3830**, and **9.6893, 0.3568, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **24.7274, 0.3576, 0.4224**, and if you desaturate by 10%, it is **25.6460, 0.3339, 0.3719**.

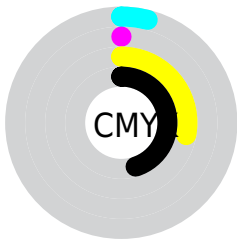
Distribution



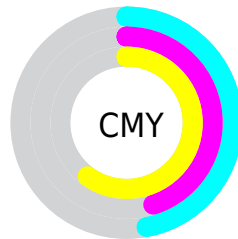
- Red (53%)
- Green (55%)
- Blue (40%)



- Red (40%)
- Yellow (55%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (45%)





- Cyan (47%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1600, 0.3460, 0.3972 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 25.1600, 0.3460, 0.3972 by changing the saturation by 10% instead.


 25.1600, 0.3460,
0.3972


 25.1600, 0.3460,
0.3972


278.6338, 0.3282,
0.3590


 16.1963, 0.3507,
0.4083


 51.9167, 0.3393,
0.3822


 9.6632, 0.3569,
0.4237


 70.4784, 0.3368,
0.3769

 5.1762, 0.3652,
0.4460

 93.0083, 0.3348,
0.3726

 2.3510, 0.3783,
0.4840

 119.8908, 0.3331,
0.3689

 0.8005, 0.4029,
0.5971

151.5102, 0.3316,
0.3659

 0.0000, 0.0000,
0.0000

188.2509, 0.3303,

0.3633

230.4973, 0.3292,
0.3610

■ 25.1600, 0.3460,
0.3972

■ 25.1600, 0.3460,
0.3972

■ 24.7274, 0.3576,
0.4224

■ 25.6460, 0.3339,
0.3719

■ 24.3425, 0.3683,
0.4467

■ 26.1844, 0.3218,
0.3472

■ 24.0038, 0.3775,
0.4691

■ 26.7784, 0.3100,
0.3236

■ 23.7083, 0.3849,
0.4887

■ 27.4299, 0.2986,
0.3015

■ 23.4528, 0.3899,
0.5046

■ 28.1410, 0.2879,
0.2809

■ 23.2335, 0.3926,
0.5163

■ 28.9133, 0.2779,
0.2621

■ 23.0430, 0.3931,
0.5243

■ 29.7486, 0.2687,
0.2449

■ 23.0000, 0.3931,
0.5261

■ 30.6486, 0.2602,
0.2293

■ 31.6149, 0.2524,
0.2153

Harmonies

Analogous

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



25.1600, 0.3756, 0.3869



25.1600, 0.3460, 0.3972



25.1600, 0.3086, 0.3868

Triad

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



25.1600, 0.3460, 0.3972



25.1600, 0.2424, 0.2891



25.1600, 0.3513, 0.3020

Complementary

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



25.1600, 0.3460, 0.3972



14.6077, 0.2735, 0.2539

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.



25.1600, 0.3133, 0.2793



25.1600, 0.3460, 0.3972



25.1600, 0.2520, 0.2709

Square

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



25.1600, 0.3460, 0.3972



25.1600, 0.2500, 0.3205



25.1600, 0.2772, 0.2680



25.1600, 0.3795, 0.3316

Rectangle

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



25.1600, 0.3460, 0.3972



25.1600, 0.2844, 0.3688



25.1600, 0.2772, 0.2680



25.1600, 0.3391, 0.2935

Sweetspot

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



25.1611, 0.3460, 0.3972



46.8425, 0.3224, 0.3484



17.3118, 0.3675, 0.3397



10.4318, 0.3241, 0.3517



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.



25.1611, 0.3460, 0.3972



44.5810, 0.3531, 0.4125



23.6965, 0.3238, 0.4023



6.2442, 0.3237, 0.3509



20.9776, 0.3932, 0.5260



0.2079, 0.4068, 0.5152

Inverse Universe

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



14.6077, 0.2735, 0.2539



22.5419, 0.2632, 0.2349



15.9607, 0.2979, 0.2590



5.2922, 0.3012, 0.3064



1.9097, 0.1578, 0.0643



0.0243, 0.1872, 0.0805

Previews

White Background



This preview shows how the Yxy color 25.1600, 0.3460, 0.3972 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 25.1600, 0.3460, 0.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

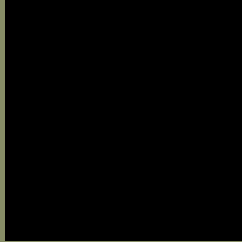
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

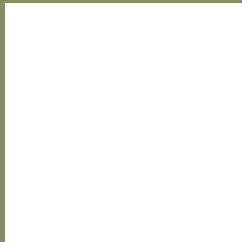
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1600, 0.3460, 0.3972

Background



This preview shows how black text looks on a background with the Yxy color 25.1600, 0.3460, 0.3972.



This preview shows how white text looks on a background with the Yxy color 25.1600, 0.3460, 0.3972.

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

25.1600, 0.3460, 0.3972

Protanopia

25.0145, 0.3640, 0.3912

Deuteranopia

25.1834, 0.3803, 0.3734



Tritanopia

25.0660, 0.3080, 0.3109

Trichromacy



Original Color

25.1600, 0.3460, 0.3972

Protanomaly

24.9562, 0.3577, 0.3921

Deuteranomaly

24.9826, 0.3677, 0.3818

Tritanomaly

24.9920, 0.3222, 0.3409

Monochromacy



Original Color

25.1600, 0.3460, 0.3972

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4723, 0.3250, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1600, 0.3460, 0.3972 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(135, 141, 102)` looks like.

```
.text, #text, p{  
    color:rgb(135, 141, 102)  
}
```

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(135, 141, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 141, 102) }
```

Border

The CSS property to change the border of an element to Yxy 25.1600, 0.3460, 0.3972 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(135, 141, 102) }
```

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

```
.border{ border-color:rgb(135, 141, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 141, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 141, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 141, 102); box-shadow:4px 4px 4px 4px rgb(135, 141, 102) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1600, 0.3460, 0.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 141, 102) }
```

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

```
.background{ background-color: rgb(135,  
141, 102) }
```

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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