

Converting Colors

$Y_{xy}(25.2687, 0.3737, 0.3621)$

Have a look what the booklet for
Yxy(25.2687, 0.3737, 0.3621)
contains.

Yxy(25.4368, 0.3734, 0.3622)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4368, 0.3734, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	A3846F
RGB	163, 132, 111
RGB Percent	64%, 52%, 44%
CMY	0.3608, 0.4823, 0.5647
CMYK	0.00, 0.19, 0.32, 0.36
HSL	24°, 22%, 54%
HSV	24°, 32%, 64%
XYZ	26.2234, 25.4368, 18.5684
YIQ	138.8750, 25.2170, 0.0410

Conversions

Conversions Part 2

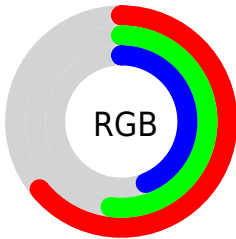
Format	Color
R_{YB}	163, 146, 111
Decimal	10716271
CIE _{Lab}	57.50, 8.70, 15.81
CIE _{LCh}	57, 18.046, 61.187
Yxy	25.4368, 0.3734, 0.3622
Android (android.graphics.Color)	4288906351 (0xFFA3846F)
YUV	138.8750, -13.7424, 21.1576
Hunter-Lab	50.4349, 4.5490, 13.4758

Details

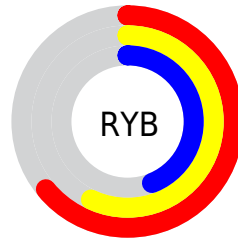
The Yxy color $25.4368, 0.3734, 0.3622$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $25.3664, 0.2639, 0.2931$, and the grayscale version is $25.8152, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4023, 0.3604, 0.3552$, and $9.8604, 0.3957, 0.3744$ is the 20% darker color. If you saturate the color by 10%, you get $22.5977, 0.3986, 0.3729$, and if you desaturate by 10%, it is $28.5891, 0.3513, 0.3514$.

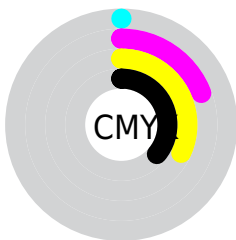
Distribution



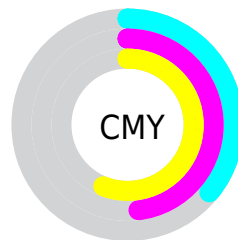
- Red (64%)
- Green (52%)
- Blue (44%)



- Red (64%)
- Yellow (57%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (36%)





- Cyan (36%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4368, 0.3734, 0.3622 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 25.4368, 0.3734, 0.3622 by changing the saturation by 10% instead.


 25.4368, 0.3734,
0.3622


 25.4368, 0.3734,
0.3622


280.0063, 0.3398,
0.3446

 16.4028, 0.3830,
0.3669


 52.3650, 0.3603,
0.3556

 9.8096, 0.3961,
0.3729


 71.0279, 0.3557,
0.3532

 5.2729, 0.4150,
0.3811

 93.6693, 0.3519,
0.3512

 2.4083, 0.4443,
0.3922

 120.6734, 0.3487,
0.3494

 0.8301, 0.5493,
0.4507

152.4248, 0.3460,
0.3480

 0.0000, 0.0000,
0.0000

189.3079, 0.3436,

0.3467

231.7069, 0.3416,
0.3456

■ 25.4368, 0.3734,
0.3622

■ 25.4368, 0.3734,
0.3622

■ 22.5977, 0.3986,
0.3729

■ 28.5891, 0.3513,
0.3514

■ 20.0581, 0.4266,
0.3829

■ 32.0609, 0.3321,
0.3408

■ 17.8082, 0.4571,
0.3911

■ 35.8624, 0.3156,
0.3308

■ 15.8365, 0.4886,
0.3964

■ 40.0026, 0.3014,
0.3215

■ 14.1304, 0.5194,
0.3976


■ 44.4900, 0.2891,
0.3129


 12.6757, 0.5470,
0.3938

 49.3328, 0.2786,
0.3050

 11.6641, 0.5669,
0.3880

 54.5387, 0.2695,
0.2978

 60.1155, 0.2617,
0.2912

 65.8956, 0.2562,
0.2881

Harmonies

Analogous

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



25.4368, 0.3702, 0.3377



25.4368, 0.3734, 0.3622



25.4368, 0.3596, 0.3797

Triad

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



25.4368, 0.3734, 0.3622



25.4368, 0.2753, 0.3453



25.4368, 0.2901, 0.2798

Complementary

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



25.4368, 0.3734, 0.3622



25.3664, 0.2639, 0.2931

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.



25.4368, 0.2667, 0.2796



25.4368, 0.3734, 0.3622



25.4368, 0.2584, 0.3158

Square

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



25.4368, 0.3734, 0.3622



25.4368, 0.3025, 0.3711



25.4368, 0.2554, 0.2921



25.4368, 0.3208, 0.2916

Rectangle

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



25.4368, 0.3734, 0.3622



25.4368, 0.3430, 0.3842



25.4368, 0.2554, 0.2921



25.4368, 0.2812, 0.2783

Sweetspot

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



25.4380, 0.3734, 0.3622



58.5473, 0.3291, 0.3391



21.1148, 0.3416, 0.2808



12.9519, 0.3315, 0.3404



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4380, 0.3734, 0.3622



42.0392, 0.3902, 0.3696



33.3156, 0.3618, 0.3997



7.5338, 0.3275, 0.3381



9.1510, 0.5653, 0.3893



0.2837, 0.5028, 0.4390

Inverse Universe

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



25.3664, 0.2639, 0.2931



41.8822, 0.2536, 0.2841



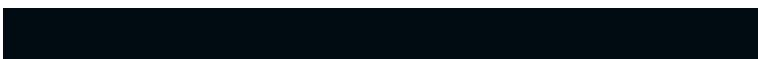
18.5622, 0.2584, 0.2468



7.5288, 0.2987, 0.3197



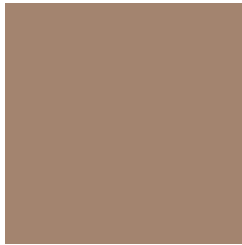
8.8114, 0.1871, 0.1936



0.2743, 0.2023, 0.2483

Previews

White Background



This preview shows how the Yxy color 25.4368, 0.3734, 0.3622 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 25.4368, 0.3734, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

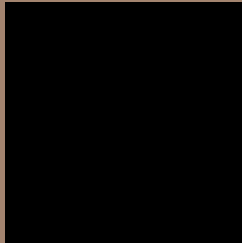
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4368, 0.3734, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 25.4368, 0.3734, 0.3622.



This preview shows how white text looks on a background with the Yxy color 25.4368, 0.3734, 0.3622.

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

25.4368, 0.3734, 0.3622

Protanopia

25.5029, 0.3472, 0.3693

Deuteranopia

25.4998, 0.3705, 0.3640



Tritanopia

25.3803, 0.3466, 0.3138

Trichromacy



Original Color

25.4368, 0.3734, 0.3622

Protanomaly

25.4760, 0.3562, 0.3668

Deuteranomaly

25.6041, 0.3717, 0.3639

Tritanomaly

25.2584, 0.3569, 0.3307

Monochromacy



Original Color

25.4368, 0.3734, 0.3622

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4892, 0.3338, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4368, 0.3734, 0.3622 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(163, 132, 111)` looks like.

```
.text, #text, p{  
    color:rgb(163, 132, 111)  
}
```

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(163, 132, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 132, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.4368, 0.3734, 0.3622 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(163, 132, 111) }
```

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

```
.border{ border-color:rgb(163, 132, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 132, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 132, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 132, 111);  
box-shadow:4px 4px 4px 4px rgb(163, 132,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4368, 0.3734, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 132, 111) }
```

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

```
.background{ background-color: rgb(163,  
132, 111) }
```

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