

Converting Colors

$Y_{xy}(25.2871, 0.3653, 0.3929)$

Have a look what the booklet for
Yxy(25.2871, 0.3653, 0.3929)
contains.

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Color

Yxy(25.3737, 0.3658, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	948A63
RGB	148, 138, 99
RGB Percent	58%, 54%, 39%
CMY	0.4196, 0.4588, 0.6118
CMYK	0.00, 0.07, 0.33, 0.42
HSL	48°, 20%, 48%
HSV	48°, 33%, 58%
XYZ	23.5516, 25.3737, 15.4586
YIQ	136.5440, 18.4790, -10.0090

Conversions

Conversions Part 2

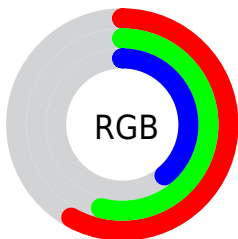
Format	Color
R_{YB}	112, 148, 99
Decimal	9734755
CIE _{Lab}	57.44, -2.49, 22.28
CIE _{LCh}	57, 22.420, 96.384
Yxy	25.3737, 0.3658, 0.3941
Android (android.graphics.Color)	4287924835 (0xFF948A63)
YUV	136.5440, -18.5092, 10.0469
Hunter-Lab	50.3723, -4.6937, 17.0653

Details

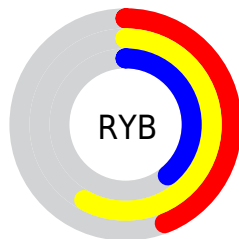
The Yxy color **25.3737, 0.3658, 0.3941** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7220, 0.2578, 0.2541**, and the grayscale version is **24.9010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1601, 0.3552, 0.3800**, and **9.7142, 0.3834, 0.4169** is the 20% darker color. If you saturate the color by 10%, you get **24.2640, 0.3832, 0.4136**, and if you desaturate by 10%, it is **26.5616, 0.3488, 0.3741**.

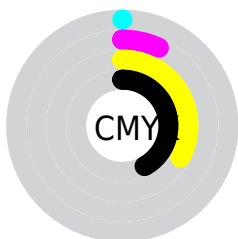
Distribution



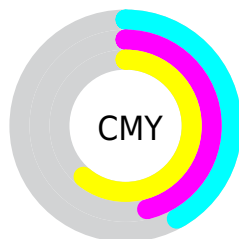
- Red (58%)
- Green (54%)
- Blue (39%)



- Red (44%)
- Yellow (58%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (42%)





- Cyan (42%)
- Magenta (46%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3737, 0.3658, 0.3941 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 25.3737, 0.3658, 0.3941 by changing the saturation by 10% instead.

 25.3737, 0.3658,
0.3941


 25.3737, 0.3658,
0.3941


279.6939, 0.3370,
0.3583


 16.3557, 0.3737,
0.4041


 52.2628, 0.3548,
0.3803


 9.7762, 0.3842,
0.4176


 70.9027, 0.3508,
0.3753

 5.2508, 0.3986,
0.4366

 93.5187, 0.3475,
0.3713

 2.3952, 0.4236,
0.4697

 120.4952, 0.3447,
0.3678

 0.8234, 0.4671,
0.5329

152.2166, 0.3424,
0.3649

 0.0000, 0.0000,
0.0000

189.0672, 0.3403,

0.3624

231.4315, 0.3385,
0.3602

■ 25.3737, 0.3658,
0.3941

■ 25.3737, 0.3658,
0.3941

■ 24.2640, 0.3832,
0.4136

■ 26.5616, 0.3488,
0.3741

■ 23.2261, 0.4004,
0.4316

■ 27.8270, 0.3325,
0.3542

■ 22.2577, 0.4167,
0.4473

■ 29.1738, 0.3172,
0.3348

■ 21.3552, 0.4315,
0.4597

■ 30.6043, 0.3031,
0.3164

■ 20.5144, 0.4440,
0.4681

■ 32.1211, 0.2902,
0.2992

■ 19.7306, 0.4539,
0.4720

■ 33.7263, 0.2785,
0.2831

■ 19.2142, 0.4598,
0.4731

■ 35.4220, 0.2679,
0.2684

■ 37.2103, 0.2583,
0.2548

■ 39.0932, 0.2498,
0.2424

Harmonies

Analogous

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



25.3737, 0.3866, 0.3740



25.3737, 0.3658, 0.3941



25.3737, 0.3313, 0.3965

Triad

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



25.3737, 0.3658, 0.3941



25.3737, 0.2440, 0.3062



25.3737, 0.3293, 0.2869

Complementary

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



25.3737, 0.3658, 0.3941



15.7220, 0.2578, 0.2541

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.



25.3737, 0.2907, 0.2703



25.3737, 0.3658, 0.3941



25.3737, 0.2434, 0.2792

Square

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



25.3737, 0.3658, 0.3941



25.3737, 0.2617, 0.3427



25.3737, 0.2599, 0.2671



25.3737, 0.3652, 0.3133

Rectangle

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



25.3737, 0.3658, 0.3941



25.3737, 0.3057, 0.3860



25.3737, 0.2599, 0.2671



25.3737, 0.3162, 0.2801

Sweetspot

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



25.3749, 0.3658, 0.3941



49.7831, 0.3279, 0.3485



16.3346, 0.3703, 0.3107



11.2963, 0.3299, 0.3509



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.3749, 0.3658, 0.3941



43.2603, 0.3792, 0.4092



27.1545, 0.3454, 0.4134



6.5461, 0.3264, 0.3465



16.4535, 0.4595, 0.4734



0.2421, 0.4375, 0.4908

Inverse Universe

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



15.7220, 0.2578, 0.2541



23.4551, 0.2434, 0.2331



14.5626, 0.2716, 0.2383



5.8131, 0.2989, 0.3109



2.6593, 0.1566, 0.0836



0.0675, 0.1752, 0.1507

Previews

White Background



This preview shows how the Yxy color 25.3737, 0.3658, 0.3941 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 25.3737, 0.3658, 0.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

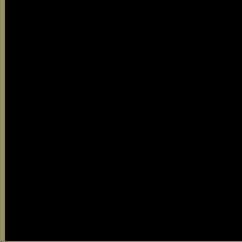
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3737, 0.3658, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 25.3737, 0.3658, 0.3941.



This preview shows how white text looks on a background with the Yxy color 25.3737, 0.3658, 0.3941.

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

25.3737, 0.3658, 0.3941

Protanopia

25.4674, 0.3670, 0.3938

Deuteranopia

25.2092, 0.3862, 0.3795



Tritanopia

25.2580, 0.3249, 0.3115

Trichromacy



Original Color

25.3737, 0.3658, 0.3941

Protanomaly

25.4674, 0.3670, 0.3938

Deuteranomaly

25.2394, 0.3789, 0.3837

Tritanomaly

25.1618, 0.3399, 0.3405

Monochromacy



Original Color

25.3737, 0.3658, 0.3941

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.9841, 0.3319, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3737, 0.3658, 0.3941 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(148, 138, 99)` looks like.

```
.text, #text, p{  
    color:rgb(148, 138, 99)  
}
```

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(148, 138, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 138, 99) }
```

Border

The CSS property to change the border of an element to Yxy 25.3737, 0.3658, 0.3941 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(148, 138, 99) }
```

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

```
.border{ border-color:rgb(148, 138, 99) }
```

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

Here you see how a box with a 4 pixel rgb(148, 138, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 138, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 138, 99);  
box-shadow:4px 4px 4px 4px rgb(148, 138,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3737, 0.3658, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 138, 99) }
```

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

```
.background{ background-color: rgb(148,  
138, 99) }
```

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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