

Converting Colors

$Y_{xy}(24.7622, 0.3624, 0.3942)$

Have a look what the booklet for
Yxy(24.7622, 0.3624, 0.3942)
contains.

Yxy(24.7215, 0.3615, 0.3937)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.7215, 0.3615, 0.3937)

Conversions

Conversions Part 1

Format	Color
Hex	908963
RGB	144, 137, 99
RGB Percent	56%, 54%, 39%
CMY	0.4353, 0.4627, 0.6119
CMYK	0.00, 0.05, 0.31, 0.44
HSL	51°, 19%, 48%
HSV	51°, 31%, 56%
XYZ	22.6996, 24.7215, 15.3717
YIQ	134.7610, 16.3700, -10.3340

Conversions

Conversions Part 2

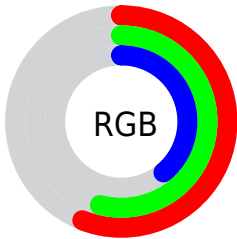
Format	Color
R_{YB}	107, 144, 99
Decimal	9472355
CIE _{Lab}	56.80, -3.59, 21.38
CIE _{LCh}	57, 21.682, 99.533
Yxy	24.7215, 0.3615, 0.3937
Android (android.graphics.Color)	4287662435 (0xFF908963)
YUV	134.7610, -17.6302, 8.1026
Hunter-Lab	49.7207, -5.5186, 16.4744

Details

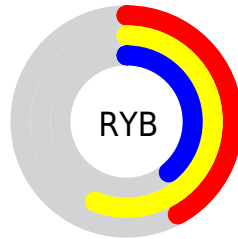
The Yxy color $24.7215, 0.3615, 0.3937$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.9683, 0.2608, 0.2547$, and the grayscale version is $24.1975, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0347, 0.3511, 0.3796$, and $9.3915, 0.3789, 0.4166$ is the 20% darker color. If you saturate the color by 10%, you get $23.8409, 0.3780, 0.4142$, and if you desaturate by 10%, it is $25.6667, 0.3452, 0.3727$.

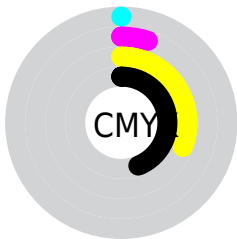
Distribution



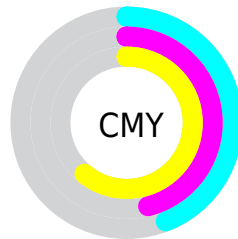
- Red (56%)
- Green (54%)
- Blue (39%)



- Red (42%)
- Yellow (56%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (44%)





- Cyan (44%)
- Magenta (46%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7215, 0.3615, 0.3937 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 24.7215, 0.3615, 0.3937 by changing the saturation by 10% instead.


 24.7215, 0.3615,
0.3937


 24.7215, 0.3615,
0.3937


276.4481, 0.3349,
0.3579


 15.8697, 0.3688,
0.4039


 51.2051, 0.3513,
0.3798

 9.4320, 0.3785,
0.4177


 69.6056, 0.3477,
0.3748

 5.0240, 0.3919,
0.4374

 91.9578, 0.3446,
0.3707

 2.2614, 0.4161,
0.4729

 118.6461, 0.3421,
0.3673

 0.7531, 0.4548,
0.5452

150.0549, 0.3399,
0.3644

 0.0000, 0.0000,
0.0000

186.5686, 0.3380,

0.3619

228.5715, 0.3364,
0.3598

■ 24.7215, 0.3615,
0.3937

■ 24.7215, 0.3615,
0.3937

■ 23.8409, 0.3780,
0.4142

■ 25.6667, 0.3452,
0.3727

■ 23.0188, 0.3942,
0.4334

■ 26.6756, 0.3294,
0.3518

■ 22.2535, 0.4093,
0.4502

■ 27.7517, 0.3145,
0.3315

■ 21.5417, 0.4229,
0.4640

■ 28.8972, 0.3007,
0.3123

■ 20.8796, 0.4342,
0.4738

■ 30.1142, 0.2879,
0.2942

■ 20.2631, 0.4429,
0.4793

■ 31.4046, 0.2763,
0.2774

■ 19.7522, 0.4490,
0.4817

■ 32.7703, 0.2657,
0.2620

■ 34.2133, 0.2562,
0.2478

■ 35.7351, 0.2476,
0.2349

Harmonies

Analogous

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



24.7215, 0.3835, 0.3756



24.7215, 0.3615, 0.3937



24.7215, 0.3270, 0.3938

Triad

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



24.7215, 0.3615, 0.3937



24.7215, 0.2447, 0.3035



24.7215, 0.3330, 0.2902

Complementary

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



24.7215, 0.3615, 0.3937



14.9683, 0.2608, 0.2547

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.



24.7215, 0.2950, 0.2728



24.7215, 0.3615, 0.3937



24.7215, 0.2460, 0.2785

Square

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



24.7215, 0.3615, 0.3937



24.7215, 0.2604, 0.3385



24.7215, 0.2637, 0.2682



24.7215, 0.3670, 0.3168

Rectangle

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



24.7215, 0.3615, 0.3937



24.7215, 0.3020, 0.3820



24.7215, 0.2637, 0.2682



24.7215, 0.3202, 0.2832

Sweetspot

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



24.7226, 0.3615, 0.3937



47.4289, 0.3262, 0.3475



15.8987, 0.3692, 0.3158



10.8202, 0.3283, 0.3502



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.7226, 0.3615, 0.3937



42.4212, 0.3739, 0.4092



25.5170, 0.3410, 0.4090



6.1445, 0.3262, 0.3474



17.2254, 0.4488, 0.4818



0.1896, 0.4327, 0.4946

Inverse Universe

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



14.9683, 0.2608, 0.2547



22.2536, 0.2466, 0.2334



14.5081, 0.2773, 0.2448



5.3821, 0.2990, 0.3099



2.2909, 0.1545, 0.0761



0.0426, 0.1700, 0.1321

Previews

White Background



This preview shows how the Yxy color 24.7215, 0.3615, 0.3937 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 24.7215, 0.3615, 0.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

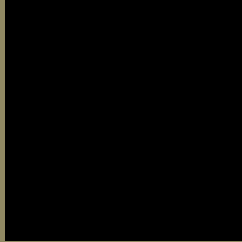
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7215, 0.3615, 0.3937

Background



This preview shows how black text looks on a background with the Yxy color 24.7215, 0.3615, 0.3937.



This preview shows how white text looks on a background with the Yxy color 24.7215, 0.3615, 0.3937.

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

24.7215, 0.3615, 0.3937

Protanopia

24.7122, 0.3656, 0.3913

Deuteranopia

24.7298, 0.3843, 0.3784



Tritanopia

24.5752, 0.3216, 0.3112

Trichromacy



Original Color

24.7215, 0.3615, 0.3937

Protanomaly

24.6202, 0.3644, 0.3915

Deuteranomaly

24.6637, 0.3758, 0.3829

Tritanomaly

24.4845, 0.3366, 0.3407

Monochromacy



Original Color

24.7215, 0.3615, 0.3937

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4167, 0.3297, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7215, 0.3615, 0.3937 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(144, 137, 99)` looks like.

```
.text, #text, p{  
    color:rgb(144, 137, 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(144, 137, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 137, 99) }
```

Border

The CSS property to change the border of an element to Yxy 24.7215, 0.3615, 0.3937 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(144, 137, 99) }
```

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

```
.border{ border-color:rgb(144, 137, 99) }
```

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

Here you see how a box with a 4 pixel rgb(144, 137, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 137, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 137, 99);  
box-shadow:4px 4px 4px 4px rgb(144, 137,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7215, 0.3615, 0.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 137, 99) }
```

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

```
.background{ background-color: rgb(144,  
137, 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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