

Converting Colors

$Y_{xy}(25.6386, 0.3971, 0.4190)$

Have a look what the booklet for
Yxy(25.6386, 0.3971, 0.4190)
contains.

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Color

Yxy(25.6386, 0.3971, 0.4190)

Conversions

Conversions Part 1

Format	Color
Hex	9D8950
RGB	157, 137, 80
RGB Percent	62%, 54%, 31%
CMY	0.3843, 0.4627, 0.6864
CMYK	0.00, 0.13, 0.49, 0.38
HSL	44°, 33%, 46%
HSV	44°, 49%, 62%
XYZ	24.2985, 25.6386, 11.2528
YIQ	136.4820, 30.2170, -13.4870

Conversions

Conversions Part 2

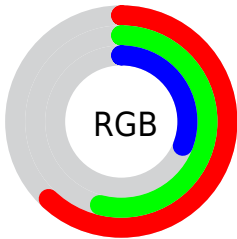
Format	Color
RYB	107, 157, 80
Decimal	10324304
CIELab	57.69, -0.31, 33.20
CIElCh	58, 33.201, 90.527
Yxy	25.6386, 0.3971, 0.4190
Android (android.graphics.Color)	4288514384 (0xFF9D8950)
YUV	136.4820, -27.8456, 17.9943
Hunter-Lab	50.6346, -2.9519, 22.2678

Details

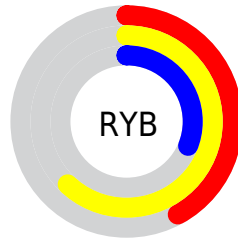
The Yxy color **25.6386, 0.3971, 0.4190** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.2498, 0.2290, 0.2175**, and the grayscale version is **24.9092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5848, 0.3805, 0.4011**, and **9.8693, 0.4248, 0.4464** is the 20% darker color. If you saturate the color by 10%, you get **24.2968, 0.4155, 0.4349**, and if you desaturate by 10%, it is **27.0808, 0.3784, 0.4013**.

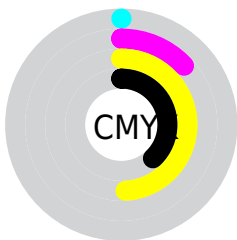
Distribution



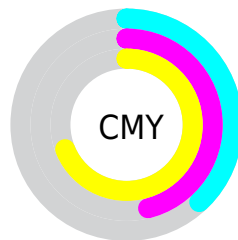
- Red (62%)
- Green (54%)
- Blue (31%)



- Red (42%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (49%)
- Black (38%)





- Cyan (38%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6386, 0.3971, 0.4190 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 25.6386, 0.3971, 0.4190 by changing the saturation by 10% instead.


 25.6386, 0.3971,
0.4190


 25.6386, 0.3971,
0.4190


281.0035, 0.3519,
0.3707

 16.5535, 0.4088,
0.4316


 52.6913, 0.3802,
0.4009


 9.9166, 0.4238,
0.4476


 71.4277, 0.3740,
0.3943

 5.3437, 0.4427,
0.4681

 94.1500, 0.3688,
0.3887

 2.4503, 0.4857,
0.5143

 121.2426, 0.3643,
0.3840

 0.8516, 0.4850,
0.5150

 153.0898, 0.3606,
0.3800

 0.0000, 0.0000,
0.0000

190.0761, 0.3573,

0.3765

232.5859, 0.3544,
0.3734

■ 25.6386, 0.3971,
0.4190

■ 25.6386, 0.3971,
0.4190

■ 24.2968, 0.4155,
0.4349

■ 27.0808, 0.3784,
0.4013

■ 23.0476, 0.4330,
0.4479

■ 28.6238, 0.3601,
0.3826

■ 21.8872, 0.4486,
0.4570

■ 30.2725, 0.3427,
0.3637

■ 20.8102, 0.4616,
0.4617

■ 32.0301, 0.3264,
0.3451

■ 19.8054, 0.4723,
0.4624

■ 33.9000, 0.3114,
0.3274

■ 19.7135, 0.4733,
0.4624

■ 35.8851, 0.2977,
0.3106

■ 37.9883, 0.2853,
0.2950

■ 40.2125, 0.2742,
0.2806

■ 42.5602, 0.2642,
0.2673

Harmonies

Analogous

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



25.6386, 0.4238, 0.3836



25.6386, 0.3971, 0.4190



25.6386, 0.3488, 0.4322

Triad

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



25.6386, 0.3971, 0.4190



25.6386, 0.2171, 0.3032



25.6386, 0.3249, 0.2632

Complementary

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



25.6386, 0.3971, 0.4190



13.2498, 0.2290, 0.2175

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.



25.6386, 0.2699, 0.2432



25.6386, 0.3971, 0.4190



25.6386, 0.2121, 0.2614

Square

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



25.6386, 0.3971, 0.4190



25.6386, 0.2456, 0.3598



25.6386, 0.2304, 0.2417



25.6386, 0.3810, 0.2975

Rectangle

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



25.6386, 0.3971, 0.4190



25.6386, 0.3116, 0.4220



25.6386, 0.2304, 0.2417



25.6386, 0.3055, 0.2547

Sweetspot

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



25.6398, 0.3971, 0.4190



55.3740, 0.3364, 0.3566



13.8330, 0.4082, 0.2957



12.0516, 0.3396, 0.3602



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.6398, 0.3971, 0.4190



43.2608, 0.4175, 0.4364



30.1869, 0.3634, 0.4541



7.4286, 0.3267, 0.3455



16.0715, 0.4728, 0.4628



0.3510, 0.4476, 0.4828

Inverse Universe

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



13.2498, 0.2290, 0.2175



18.4657, 0.2091, 0.1871



10.7625, 0.2412, 0.1856



6.7015, 0.2988, 0.3120



3.3055, 0.1595, 0.0940



0.1216, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 25.6386, 0.3971, 0.4190 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 25.6386, 0.3971, 0.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

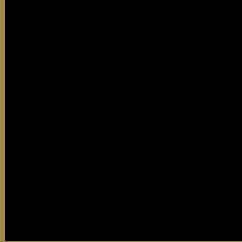
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6386, 0.3971, 0.4190

Background



This preview shows how black text looks on a background with the Yxy color 25.6386, 0.3971, 0.4190.



This preview shows how white text looks on a background with the Yxy color 25.6386, 0.3971, 0.4190.

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

25.6386, 0.3971, 0.4190

Protanopia

25.7347, 0.3886, 0.4225

Deuteranopia

25.5316, 0.4145, 0.4055



Tritanopia

25.6452, 0.3403, 0.3137

Trichromacy



Original Color

25.6386, 0.3971, 0.4190

Protanomaly

25.6411, 0.3917, 0.4202

Deuteranomaly

25.6436, 0.4080, 0.4099

Tritanomaly

25.6601, 0.3624, 0.3529

Monochromacy



Original Color

25.6386, 0.3971, 0.4190

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7986, 0.3433, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6386, 0.3971, 0.4190 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(157, 137, 80)` looks like.

```
.text, #text, p{  
    color:rgb(157, 137, 80)  
}
```

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(157, 137, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 137, 80) }
```

Border

The CSS property to change the border of an element to Yxy 25.6386, 0.3971, 0.4190 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(157, 137, 80) }
```

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

```
.border{ border-color:rgb(157, 137, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 137, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 137, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 137, 80);  
box-shadow:4px 4px 4px 4px rgb(157, 137,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6386, 0.3971, 0.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 137, 80) }
```

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

```
.background{ background-color: rgb(157,  
137, 80) }
```

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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