

Converting Colors

$Yxy(39.8724, 0.3213, 0.3730)$

Have a look what the booklet for
Yxy(39.8724, 0.3213, 0.3730)
contains.

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Color

Yxy(39.8724, 0.3213, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	9DAF91
RGB	157, 175, 145
RGB Percent	62%, 69%, 57%
CMY	0.3843, 0.3137, 0.4313
CMYK	0.10, 0.00, 0.17, 0.31
HSL	96°, 16%, 63%
HSV	96°, 17%, 69%
XYZ	34.3459, 39.8724, 32.6783
YIQ	166.1980, -1.0980, -13.1460

Conversions

Conversions Part 2

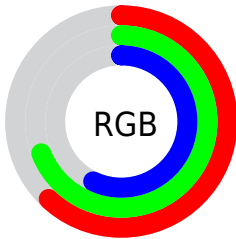
Format	Color
RYB	145, 175, 163
Decimal	10334097
CIELab	69.38, -11.88, 13.30
CIELCh	69, 17.830, 131.762
Yxy	39.8724, 0.3213, 0.3730
Android (android.graphics.Color)	4288524177 (0xFF9DAF91)
YUV	166.1980, -10.4506, -8.0666
Hunter-Lab	63.1446, -13.4126, 13.5178

Details

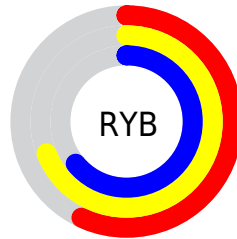
The Yxy color **39.8724, 0.3213, 0.3730** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.1381, 0.3027, 0.2858**, and the grayscale version is **38.2870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2724, 0.3200, 0.3647**, and **18.0382, 0.3245, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **38.3634, 0.3260, 0.4016**, and if you desaturate by 10%, it is **41.5589, 0.3163, 0.3465**.

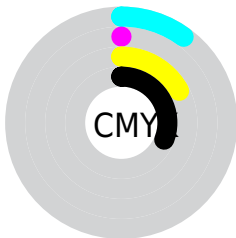
Distribution



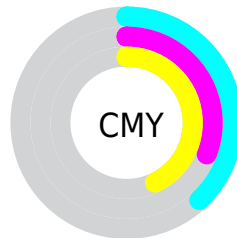
- Red (62%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (64%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8724, 0.3213, 0.3730 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 39.8724, 0.3213, 0.3730 by changing the saturation by 10% instead.

 39.8724, 0.3213,
0.3730


 39.8724, 0.3213,
0.3730


345.5855, 0.3172,
0.3499

 27.4391, 0.3223,
0.3791

 74.9692, 0.3198,
0.3643

 17.9033, 0.3235,
0.3872


 98.4014, 0.3193,
0.3612

 10.8805, 0.3249,
0.3984


126.2687, 0.3188,
0.3585

 5.9866, 0.3268,
0.4149

158.9555, 0.3184,
0.3563

 2.8369, 0.3289,
0.4413

196.8462, 0.3180,
0.3544

 1.0472, 0.3584,
0.5385

240.3252, 0.3177,

 0.0000, 0.0000,

0.3527

0.0000

289.7768, 0.3174,
0.3512

■ 39.8724, 0.3213,
0.3730

■ 39.8724, 0.3213,
0.3730

■ 38.3634, 0.3260,
0.4016

■ 41.5589, 0.3163,
0.3465

■ 37.0206, 0.3301,
0.4318

■ 43.4235, 0.3113,
0.3223

■ 35.8394, 0.3333,
0.4627

■ 45.4733, 0.3063,
0.3006

■ 34.8127, 0.3352,
0.4930

■ 47.7136, 0.3015,
0.2812

■ 33.9332, 0.3355,
0.5211

■ 50.1494, 0.2969,
0.2639

■ 33.1925, 0.3340,
0.5454

■ 52.7854, 0.2926,
0.2487

■ 32.5812, 0.3306,
0.5643

■ 54.7939, 0.2972,
0.2461

■ 32.0870, 0.3257,
0.5774

■ 56.5903, 0.3054,
0.2481

■ 31.9615, 0.3243,
0.5807

■ 58.4933, 0.3137,
0.2501

Harmonies

Analogous

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



39.8724, 0.3458, 0.3748



39.8724, 0.3213, 0.3730



39.8724, 0.2953, 0.3578

Triad

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



39.8724, 0.3213, 0.3730



39.8724, 0.2657, 0.2926



39.8724, 0.3521, 0.3223

Complementary

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



39.8724, 0.3213, 0.3730



31.1381, 0.3027, 0.2858

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.



39.8724, 0.3291, 0.3026



39.8724, 0.3213, 0.3730



39.8724, 0.2795, 0.2855

Square

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



39.8724, 0.3213, 0.3730



39.8724, 0.2639, 0.3101



39.8724, 0.3024, 0.2893



39.8724, 0.3642, 0.3444

Rectangle

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



39.8724, 0.3213, 0.3730



39.8724, 0.2805, 0.3425



39.8724, 0.3024, 0.2893



39.8724, 0.3453, 0.3153

Sweetspot

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



39.8741, 0.3213, 0.3730



75.0853, 0.3153, 0.3413



37.3560, 0.3407, 0.3546



16.6391, 0.3156, 0.3431



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.8741, 0.3213, 0.3730



70.2291, 0.3233, 0.3849



38.8207, 0.3082, 0.3698



9.0897, 0.3174, 0.3520



22.9214, 0.3252, 0.5800



0.6700, 0.3509, 0.5595

Inverse Universe

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



31.1381, 0.3027, 0.2858



51.2957, 0.2997, 0.2745



32.3476, 0.3175, 0.2914



7.9860, 0.3076, 0.3062



4.4062, 0.2246, 0.1011



0.1533, 0.2542, 0.1174

Previews

White Background



This preview shows how the Yxy color 39.8724, 0.3213, 0.3730 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 39.8724, 0.3213, 0.3730 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 ✓ Pass

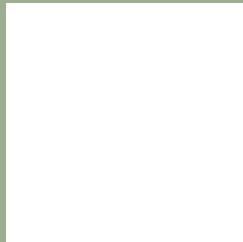
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.8724, 0.3213, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 39.8724, 0.3213, 0.3730.



This preview shows how white text looks on a background with the Yxy color 39.8724, 0.3213, 0.3730.

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

39.8724, 0.3213, 0.3730

Protanopia

39.7939, 0.3449, 0.3667

Deuteranopia

39.6384, 0.3567, 0.3504



Tritanopia

39.9549, 0.2959, 0.3110

Trichromacy



Original Color

39.8724, 0.3213, 0.3730

Protanomaly

39.6550, 0.3358, 0.3689

Deuteranomaly

39.4161, 0.3437, 0.3582

Tritanomaly

39.9467, 0.3054, 0.3332

Monochromacy



Original Color

39.8724, 0.3213, 0.3730

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.6311, 0.3166, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8724, 0.3213, 0.3730 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, 175, 145)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 145)  
}
```

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, 175, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 145) }
```

Border

The CSS property to change the border of an element to Yxy 39.8724, 0.3213, 0.3730 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, 175, 145) }
```

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

```
.border{ border-color:rgb(157, 175, 145) }
```

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

Here you see how a box with a 4 pixel rgb(157, 175, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 175, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 175, 145);  
box-shadow:4px 4px 4px 4px rgb(157, 175,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8724, 0.3213, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 145) }
```

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

```
.background{ background-color: rgb(157,  
175, 145) }
```

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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