

Converting Colors

$Yxy(39.2779, 0.3140, 0.3646)$

Have a look what the booklet for
Yxy(39.2779, 0.3140, 0.3646)
contains.

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Color

Yxy(39.2464, 0.3137, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	99AE96
RGB	153, 174, 150
RGB Percent	60%, 68%, 59%
CMY	0.4000, 0.3176, 0.4118
CMYK	0.12, 0.00, 0.14, 0.32
HSL	113°, 13%, 64%
HSV	113°, 14%, 68%
XYZ	33.7767, 39.2464, 34.6488
YIQ	164.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

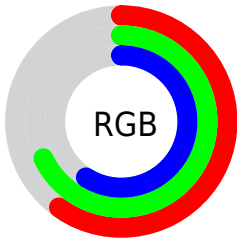
Format	Color
RYB	150, 174, 171
Decimal	10071702
CIELab	68.93, -11.92, 9.89
CIELCh	69, 15.484, 140.324
Yxy	39.2464, 0.3137, 0.3645
Android (android.graphics.Color)	4288261782 (0xFF99AE96)
YUV	164.9850, -7.3876, -10.5108
Hunter-Lab	62.6469, -13.3923, 11.0607

Details

The Yxy color **39.2464, 0.3137, 0.3645** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5286, 0.3113, 0.2953**, and the grayscale version is **37.6572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2187, 0.3134, 0.3582**, and **17.6447, 0.3141, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **37.3398, 0.3142, 0.3938**, and if you desaturate by 10%, it is **41.4288, 0.3130, 0.3382**.

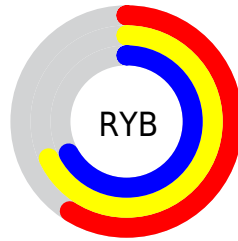
Distribution



Red (60%)

Green (68%)

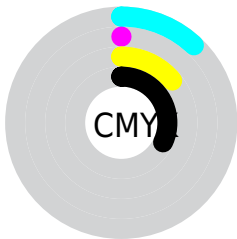
Blue (59%)



Red (59%)

Yellow (68%)

Blue (67%)

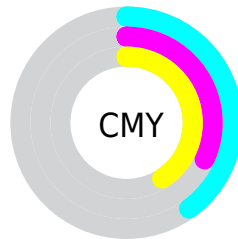


Cyan (12%)

Magenta (0%)

Yellow (14%)

Black (32%)



Cyan (40%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2464, 0.3137, 0.3645 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 39.2464, 0.3137, 0.3645 by changing the saturation by 10% instead.

 39.2464, 0.3137,
0.3645


 39.2464, 0.3137,
0.3645


342.9369, 0.3134,
0.3459

 26.9515, 0.3137,
0.3695


 74.0146, 0.3136,
0.3575

 17.5368, 0.3137,
0.3760


 97.2566, 0.3136,
0.3549

 10.6179, 0.3135,
0.3852


124.9165, 0.3136,
0.3528

 5.8105, 0.3132,
0.3986

157.3786, 0.3135,
0.3510

 2.7302, 0.3121,
0.4205

195.0272, 0.3135,
0.3494

 0.9926, 0.3201,
0.4898

238.2469, 0.3134,

 0.0000, 0.0000,

0.3481

0.0000

287.4220, 0.3134,
0.3469

■ 39.2464, 0.3137,
0.3645

■ 39.2464, 0.3137,
0.3645

■ 37.3398, 0.3142,
0.3938

■ 41.4288, 0.3130,
0.3382

■ 35.6932, 0.3143,
0.4258

■ 43.8922, 0.3122,
0.3149

■ 34.2968, 0.3140,
0.4596

■ 46.6478, 0.3113,
0.2946

■ 33.1382, 0.3132,
0.4938

■ 49.7048, 0.3104,
0.2769

■ 32.2042, 0.3118,
0.5262

■ 53.0721, 0.3094,
0.2615

■ 31.4799, 0.3098,
0.5546

■ 56.7579, 0.3085,
0.2482

■ 30.9487, 0.3074,
0.5768

■ 58.7545, 0.3164,
0.2498

■ 30.5916, 0.3047,
0.5912

■ 30.4415, 0.3034,
0.5973

Harmonies

Analogous

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



39.2464, 0.3361, 0.3697



39.2464, 0.3137, 0.3645



39.2464, 0.2916, 0.3486

Triad

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



39.2464, 0.3137, 0.3645



39.2464, 0.2739, 0.2944



39.2464, 0.3512, 0.3288

Complementary

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



39.2464, 0.3137, 0.3645



33.5286, 0.3113, 0.2953

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.



39.2464, 0.3334, 0.3103



39.2464, 0.3137, 0.3645



39.2464, 0.2887, 0.2908

Square

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



39.2464, 0.3137, 0.3645



39.2464, 0.2692, 0.3075



39.2464, 0.3104, 0.2967



39.2464, 0.3583, 0.3480

Rectangle

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



39.2464, 0.3137, 0.3645



39.2464, 0.2800, 0.3346



39.2464, 0.3104, 0.2967



39.2464, 0.3462, 0.3223

Sweetspot

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



39.2481, 0.3137, 0.3645



75.0267, 0.3130, 0.3389



40.2538, 0.3336, 0.3582



16.6065, 0.3131, 0.3407



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.



39.2481, 0.3137, 0.3645



69.9183, 0.3139, 0.3745



39.2549, 0.3040, 0.3514



8.9854, 0.3134, 0.3523



22.0926, 0.3038, 0.5970



0.6293, 0.3177, 0.5859

Inverse Universe

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



33.5286, 0.3113, 0.2953



57.2193, 0.3109, 0.2865



33.5362, 0.3226, 0.3076



8.0967, 0.3118, 0.3065



7.0978, 0.2902, 0.1372



0.2113, 0.3001, 0.1427

Previews

White Background



This preview shows how the Yxy color 39.2464, 0.3137, 0.3645 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 39.2464, 0.3137, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

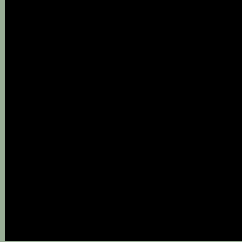
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

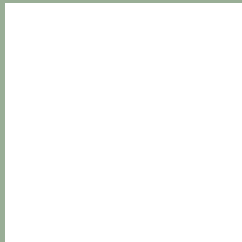
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2464, 0.3137, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 39.2464, 0.3137, 0.3645.



This preview shows how white text looks on a background with the Yxy color 39.2464, 0.3137, 0.3645.

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

39.2464, 0.3137, 0.3645

Protanopia

38.9741, 0.3389, 0.3571

Deuteranopia

39.0548, 0.3493, 0.3425



Tritanopia

39.0639, 0.2917, 0.3093

Trichromacy



Original Color

39.2464, 0.3137, 0.3645

Protanomaly

39.2124, 0.3297, 0.3605

Deuteranomaly

38.8539, 0.3365, 0.3500

Tritanomaly

39.1340, 0.2995, 0.3290

Monochromacy



Original Color

39.2464, 0.3137, 0.3645

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.1204, 0.3131, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2464, 0.3137, 0.3645 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(153, 174, 150)` looks like.

```
.text, #text, p{  
    color:rgb(153, 174, 150)  
}
```

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(153, 174, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 174, 150) }
```

Border

The CSS property to change the border of an element to Yxy 39.2464, 0.3137, 0.3645 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(153, 174, 150) }
```

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

```
.border{ border-color:rgb(153, 174, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 174, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 174, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 174, 150);  
box-shadow:4px 4px 4px 4px rgb(153, 174,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2464, 0.3137, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 174, 150) }
```

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

```
.background{ background-color: rgb(153,  
174, 150) }
```

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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