

Converting Colors

Yxy(39.3444, 0.3251, 0.3623)

Have a look what the booklet for
Yxy(39.3444, 0.3251, 0.3623)
contains.

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Color

Yxy(39.5357, 0.3257, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	A4AC94
RGB	164, 172, 148
RGB Percent	64%, 67%, 58%
CMY	0.3567, 0.3255, 0.4196
CMYK	0.05, 0.00, 0.14, 0.33
HSL	80°, 13%, 63%
HSV	80°, 14%, 67%
XYZ	35.4147, 39.5357, 33.7837
YIQ	166.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

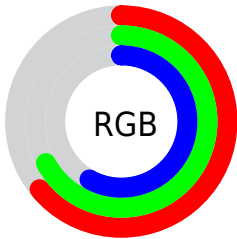
Format	Color
RYB	148, 172, 156
Decimal	10792084
CIELab	69.14, -7.18, 11.39
CIELCh	69, 13.465, 122.225
Yxy	39.5357, 0.3257, 0.3636
Android (android.graphics.Color)	4288982164 (0xFFA4AC94)
YUV	166.8720, -9.3039, -2.5187
Hunter-Lab	62.8774, -9.4983, 12.1580

Details

The Yxy color $39.5357, 0.3257, 0.3636$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $31.2234, 0.2985, 0.2936$, and the grayscale version is $38.6271, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.2625, 0.3233, 0.3566$, and $17.7408, 0.3295, 0.3758$ is the 20% darker color. If you saturate the color by 10%, you get $38.4395, 0.3350, 0.3901$, and if you desaturate by 10%, it is $40.7434, 0.3164, 0.3385$.

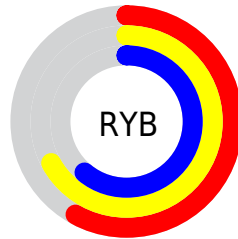
Distribution



Red (64%)

Green (67%)

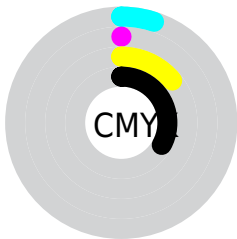
Blue (58%)



Red (58%)

Yellow (67%)

Blue (61%)

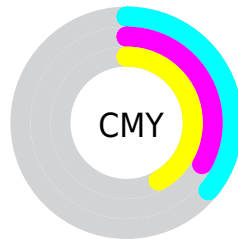


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (36%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5357, 0.3257, 0.3636 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 39.5357, 0.3257, 0.3636 by changing the saturation by 10% instead.


 39.5357, 0.3257,
0.3636


 39.5357, 0.3257,
0.3636


344.1627, 0.3192,
0.3456

 27.1767, 0.3273,
0.3684


 74.4560, 0.3233,
0.3569

 17.7060, 0.3294,
0.3746


 97.7861, 0.3224,
0.3544

 10.7391, 0.3322,
0.3832


125.5420, 0.3217,
0.3523

 5.8917, 0.3361,
0.3958

158.1081, 0.3210,
0.3506

 2.7793, 0.3417,
0.4159

195.8688, 0.3205,
0.3490

 1.0176, 0.3728,
0.4825

239.2086, 0.3200,

 0.0000, 0.0000,

0.3477

0.0000

288.5118, 0.3195,
0.3466

■ 39.5357, 0.3257,
0.3636

■ 39.5357, 0.3257,
0.3636

■ 38.4395, 0.3350,
0.3901

■ 40.7434, 0.3164,
0.3385

■ 37.4459, 0.3438,
0.4175

■ 42.0612, 0.3072,
0.3150

■ 36.5522, 0.3518,
0.4449

■ 43.4943, 0.2984,
0.2935

■ 35.7540, 0.3585,
0.4713

■ 45.0459, 0.2901,
0.2739

■ 35.0465, 0.3634,
0.4956

■ 46.7194, 0.2823,
0.2562

■ 34.4240, 0.3662,
0.5165

■ 48.5176, 0.2751,
0.2403

■ 33.8804, 0.3664,
0.5331

■ 49.5501, 0.2768,
0.2378

■ 33.4081, 0.3643,
0.5448

■ 50.3699, 0.2811,
0.2389

■ 33.1470, 0.3624,
0.5505

■ 51.2194, 0.2855,
0.2400

Harmonies

Analogous

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



39.5357, 0.3426, 0.3620



39.5357, 0.3257, 0.3636



39.5357, 0.3057, 0.3551

Triad

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



39.5357, 0.3257, 0.3636



39.5357, 0.2753, 0.3050



39.5357, 0.3376, 0.3189

Complementary

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



39.5357, 0.3257, 0.3636



31.2234, 0.2985, 0.2936

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.



39.5357, 0.3189, 0.3048



39.5357, 0.3257, 0.3636



39.5357, 0.2832, 0.2966

Square

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



39.5357, 0.3257, 0.3636



39.5357, 0.2770, 0.3204



39.5357, 0.2989, 0.2967



39.5357, 0.3498, 0.3357

Rectangle

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



39.5357, 0.3257, 0.3636



39.5357, 0.2934, 0.3449



39.5357, 0.2989, 0.2967



39.5357, 0.3319, 0.3137

Sweetspot

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



39.5374, 0.3257, 0.3636



73.8938, 0.3165, 0.3388



34.5515, 0.3363, 0.3400



16.0224, 0.3172, 0.3406



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.5374, 0.3257, 0.3636



71.0439, 0.3288, 0.3724



38.3546, 0.3150, 0.3648



9.1953, 0.3214, 0.3517



24.7003, 0.3630, 0.5500



0.7153, 0.3807, 0.5359

Inverse Universe

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



31.2234, 0.2985, 0.2936



52.7550, 0.2946, 0.2844



32.4404, 0.3099, 0.2948



7.8813, 0.3035, 0.3059



2.8908, 0.1757, 0.0742



0.1107, 0.2120, 0.0941

Previews

White Background



This preview shows how the Yxy color 39.5357, 0.3257, 0.3636 looks on a white background.

Color Contrast Check

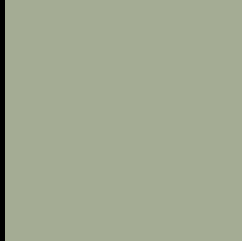
Large Text (above 18pt) WCAG AA × Fail

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 39.5357, 0.3257, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

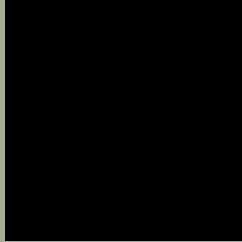
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

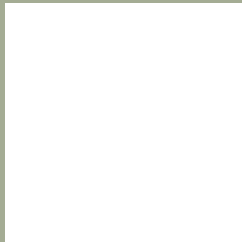
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5357, 0.3257, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 39.5357, 0.3257, 0.3636.



This preview shows how white text looks on a background with the Yxy color 39.5357, 0.3257, 0.3636.

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

39.5357, 0.3257, 0.3636

Protanopia

39.4277, 0.3406, 0.3598

Deuteranopia

39.2491, 0.3532, 0.3451



Tritanopia

39.4086, 0.3028, 0.3098

Trichromacy



Original Color

39.5357, 0.3257, 0.3636

Protanomaly

39.2532, 0.3346, 0.3602

Deuteranomaly

39.3874, 0.3432, 0.3524

Tritanomaly

39.4560, 0.3109, 0.3290

Monochromacy



Original Color

39.5357, 0.3257, 0.3636

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.0210, 0.3176, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5357, 0.3257, 0.3636 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(164, 172, 148)` looks like.

```
.text, #text, p{  
    color:rgb(164, 172, 148)  
}
```

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(164, 172, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 172, 148) }
```

Border

The CSS property to change the border of an element to Yxy 39.5357, 0.3257, 0.3636 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(164, 172, 148) }
```

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

```
.border{ border-color:rgb(164, 172, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 172, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 172, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 172, 148);  
box-shadow:4px 4px 4px 4px rgb(164, 172,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5357, 0.3257, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 172, 148) }
```

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

```
.background{ background-color: rgb(164,  
172, 148) }
```

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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