

Converting Colors

$Yxy(39.7589, 0.3343, 0.3953)$

Have a look what the booklet for
Yxy(39.7589, 0.3343, 0.3953)
contains.

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Color

Yxy(39.5408, 0.3346, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	9EAF82
RGB	158, 175, 130
RGB Percent	62%, 69%, 51%
CMY	0.3806, 0.3137, 0.4902
CMYK	0.10, 0.00, 0.26, 0.31
HSL	83°, 22%, 60%
HSV	83°, 26%, 69%
XYZ	33.4522, 39.5408, 26.9837
YIQ	164.7870, 4.3130, -17.5990

Conversions

Conversions Part 2

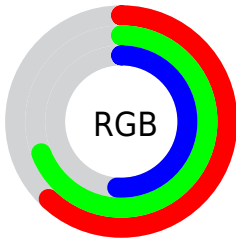
Format	Color
R_{YB}	130, 175, 147
Decimal	10399618
CIE _{Lab}	69.14, -13.97, 21.17
CIE _{LCh}	69, 25.363, 123.418
Yxy	39.5408, 0.3346, 0.3955
Android (android.graphics.Color)	4288589698 (0xFF9EAF82)
YUV	164.7870, -17.1500, -5.9522
Hunter-Lab	62.8815, -15.0827, 18.5745

Details

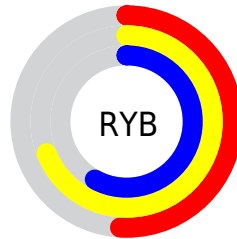
The Yxy color $39.5408, 0.3346, 0.3955$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $25.2662, 0.2862, 0.2605$, and the grayscale version is $37.5985, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.7169, 0.3309, 0.3830$, and $17.8093, 0.3402, 0.4186$ is the 20% darker color. If you saturate the color by 10%, you get $38.4575, 0.3425, 0.4234$, and if you desaturate by 10%, it is $40.7438, 0.3262, 0.3684$.

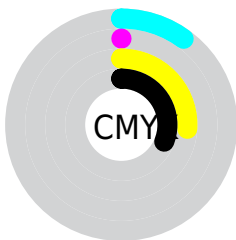
Distribution



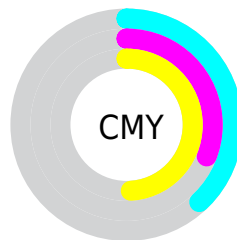
- Red (62%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5408, 0.3346, 0.3955 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 39.5408, 0.3346, 0.3955 by changing the saturation by 10% instead.


 39.5408, 0.3346,
0.3955

 39.5408, 0.3346,
0.3955


344.1843, 0.3239,
0.3605


 27.1807, 0.3371,
0.4048


 74.4638, 0.3308,
0.3823

 17.7090, 0.3402,
0.4171


 97.7954, 0.3294,
0.3775

 10.7413, 0.3440,
0.4340


 125.5530, 0.3281,
0.3735

 5.8931, 0.3486,
0.4587

158.1210, 0.3271,
0.3701

 2.7802, 0.3540,
0.4979

195.8837, 0.3261,
0.3672

 1.0181, 0.3788,
0.6212

239.2255, 0.3253,

 0.0000, 0.0000,

0.3646

0.0000

288.5309, 0.3246,
0.3624

■ 39.5408, 0.3346,
0.3955

■ 39.5408, 0.3346,
0.3955

■ 38.4575, 0.3425,
0.4234

■ 40.7438, 0.3262,
0.3684

■ 37.4841, 0.3495,
0.4514

■ 42.0656, 0.3176,
0.3429

■ 36.6174, 0.3551,
0.4784

■ 43.5120, 0.3091,
0.3191

■ 35.8519, 0.3588,
0.5030

■ 45.0869, 0.3009,
0.2973

■ 35.1816, 0.3604,
0.5242

■ 46.7940, 0.2931,
0.2775

■ 34.5994, 0.3595,
0.5407

■ 48.6366, 0.2858,
0.2596

■ 34.0968, 0.3563,
0.5524

■ 50.6183, 0.2790,
0.2436

■ 33.8984, 0.3547,
0.5566

■ 51.7378, 0.2823,
0.2424

■ 52.7379, 0.2873,
0.2437

Harmonies

Analogous

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



39.5408, 0.3673, 0.3913



39.5408, 0.3346, 0.3955



39.5408, 0.2973, 0.3788

Triad

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



39.5408, 0.3346, 0.3955



39.5408, 0.2443, 0.2824



39.5408, 0.3610, 0.3109

Complementary

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



39.5408, 0.3346, 0.3955



25.2662, 0.2862, 0.2605

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.



39.5408, 0.3252, 0.2858



39.5408, 0.3346, 0.3955



39.5408, 0.2589, 0.2690

Square

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



39.5408, 0.3346, 0.3955



39.5408, 0.2466, 0.3100



39.5408, 0.2878, 0.2707



39.5408, 0.3837, 0.3411

Rectangle

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



39.5408, 0.3346, 0.3955



39.5408, 0.2749, 0.3580



39.5408, 0.2878, 0.2707



39.5408, 0.3499, 0.3017

Sweetspot

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



39.5425, 0.3346, 0.3955



74.7305, 0.3197, 0.3489



31.4395, 0.3603, 0.3532



16.5301, 0.3209, 0.3526



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.



39.5425, 0.3346, 0.3955



69.6503, 0.3393, 0.4117



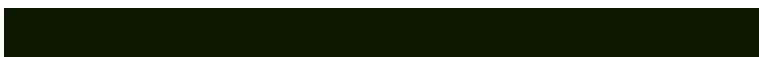
37.5118, 0.3146, 0.3998



9.1763, 0.3207, 0.3518



24.3064, 0.3554, 0.5560



0.7062, 0.3752, 0.5403

Inverse Universe

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



25.2662, 0.2862, 0.2605



39.6195, 0.2788, 0.2431



27.4948, 0.3092, 0.2650



7.8996, 0.3042, 0.3060



3.0869, 0.1827, 0.0780



0.1178, 0.2196, 0.0983

Previews

White Background



This preview shows how the Yxy color 39.5408, 0.3346, 0.3955 looks on a white background.

Color Contrast Check

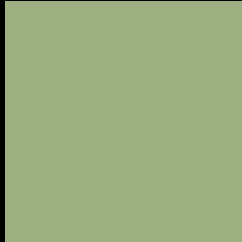
Large Text (above 18pt) WCAG AA × Fail

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 39.5408, 0.3346, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

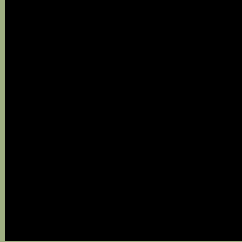
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5408, 0.3346, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 39.5408, 0.3346, 0.3955.



This preview shows how white text looks on a background with the Yxy color 39.5408, 0.3346, 0.3955.

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

39.5408, 0.3346, 0.3955

Protanopia

39.2409, 0.3607, 0.3862

Deuteranopia

39.4044, 0.3746, 0.3674



Tritanopia

39.3820, 0.2984, 0.3096

Trichromacy



Original Color

39.5408, 0.3346, 0.3955

Protanomaly

39.4550, 0.3509, 0.3903

Deuteranomaly

39.3707, 0.3595, 0.3773

Tritanomaly

39.4515, 0.3113, 0.3404

Monochromacy



Original Color

39.5408, 0.3346, 0.3955

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3243, 0.3208, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5408, 0.3346, 0.3955 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(158, 175, 130)` looks like.

```
.text, #text, p{  
    color:rgb(158, 175, 130)  
}
```

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(158, 175, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 175, 130) }
```

Border

The CSS property to change the border of an element to Yxy 39.5408, 0.3346, 0.3955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

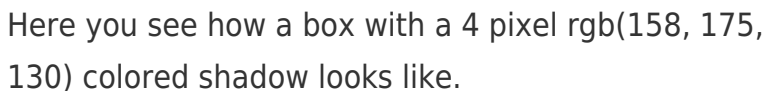
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 175, 130) }
```

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

```
.border{ border-color:rgb(158, 175, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 175, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 175, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 175, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 175,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5408, 0.3346, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 175, 130) }
```

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

```
.background{ background-color: rgb(158,  
175, 130) }
```

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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