

Converting Colors

$Y_{xy}(40.6125, 0.3136, 0.3612)$

Have a look what the booklet for
Yxy(40.6125, 0.3136, 0.3612)
contains.

Yxy(40.5519, 0.3139, 0.3609)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.5519, 0.3139, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	9DB09A
RGB	157, 176, 154
RGB Percent	62%, 69%, 60%
CMY	0.3841, 0.3098, 0.3961
CMYK	0.11, 0.00, 0.12, 0.31
HSL	112°, 12%, 65%
HSV	112°, 12%, 69%
XYZ	35.2708, 40.5519, 36.5405
YIQ	167.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

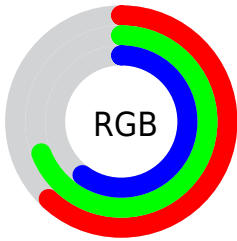
Format	Color
RYB	154, 176, 173
Decimal	10334362
CIELab	69.86, -10.79, 9.05
CIELCh	70, 14.080, 139.998
Yxy	40.5519, 0.3139, 0.3609
Android (android.graphics.Color)	4288524442 (0xFF9DB09A)
YUV	167.8110, -6.8088, -9.4812
Hunter-Lab	63.6804, -12.5744, 10.5550

Details

The Yxy color **40.5519, 0.3139, 0.3609** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1230, 0.3112, 0.2985**, and the grayscale version is **39.1011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2643, 0.3142, 0.3555**, and **18.2094, 0.3144, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **38.5779, 0.3146, 0.3898**, and if you desaturate by 10%, it is **42.8045, 0.3130, 0.3350**.

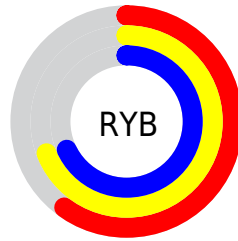
Distribution



Red (62%)

Green (69%)

Blue (60%)



Red (60%)

Yellow (69%)

Blue (68%)

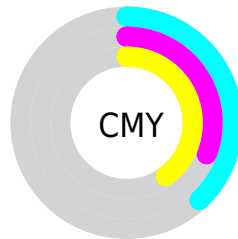


Cyan (11%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5519, 0.3139, 0.3609 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 40.5519, 0.3139, 0.3609 by changing the saturation by 10% instead.


 40.5519, 0.3139,
0.3609


 40.5519, 0.3139,
0.3609


348.4443, 0.3135,
0.3443

 27.9691, 0.3140,
0.3653


 76.0032, 0.3138,
0.3547

 18.3024, 0.3140,
0.3711


 99.6405, 0.3137,
0.3524

 11.1673, 0.3140,
0.3790


127.7314, 0.3137,
0.3505

 6.1795, 0.3138,
0.3907

160.6604, 0.3136,
0.3489

 2.9545, 0.3133,
0.4094

198.8117, 0.3136,
0.3475

 1.1080, 0.3176,
0.4545

242.5699, 0.3135,

 0.0000, 0.0000,

0.3463

0.0000

292.3193, 0.3135,
0.3452

■ 40.5519, 0.3139,
0.3609

■ 40.5519, 0.3139,
0.3609

■ 38.5779, 0.3146,
0.3898

■ 42.8045, 0.3130,
0.3350

■ 36.8666, 0.3150,
0.4214

■ 45.3404, 0.3119,
0.3121

■ 35.4085, 0.3150,
0.4550

■ 48.1710, 0.3108,
0.2921

■ 34.1913, 0.3143,
0.4890

■ 51.3053, 0.3097,
0.2746

■ 33.2021, 0.3131,
0.5217

■ 54.7520, 0.3085,
0.2595

■ 32.4263, 0.3112,
0.5507

■ 58.2198, 0.3108,
0.2504

■ 31.8478, 0.3086,
0.5738

■ 59.5267, 0.3163,
0.2517

■ 31.4482, 0.3058,
0.5893

■ 31.2464, 0.3039,
0.5969

Harmonies

Analogous

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



40.5519, 0.3340, 0.3655



40.5519, 0.3139, 0.3609



40.5519, 0.2940, 0.3468

Triad

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



40.5519, 0.3139, 0.3609



40.5519, 0.2776, 0.2980



40.5519, 0.3472, 0.3287

Complementary

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



40.5519, 0.3139, 0.3609



35.1230, 0.3112, 0.2985

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.



40.5519, 0.3312, 0.3120



40.5519, 0.3139, 0.3609



40.5519, 0.2910, 0.2945

Square

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



40.5519, 0.3139, 0.3609



40.5519, 0.2735, 0.3099



40.5519, 0.3105, 0.2997



40.5519, 0.3536, 0.3461

Rectangle

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



40.5519, 0.3139, 0.3609



40.5519, 0.2834, 0.3343



40.5519, 0.3105, 0.2997



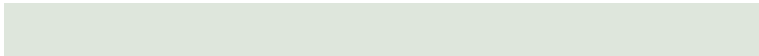
40.5519, 0.3427, 0.3229

Sweetspot

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



40.5536, 0.3139, 0.3609



76.9658, 0.3131, 0.3389



41.3311, 0.3316, 0.3549



16.6117, 0.3132, 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.



40.5536, 0.3139, 0.3609



72.5189, 0.3141, 0.3686



40.5148, 0.3051, 0.3497



9.5448, 0.3136, 0.3524



22.9447, 0.3043, 0.5965



0.7397, 0.3186, 0.5852

Inverse Universe

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



35.1230, 0.3112, 0.2985



60.7112, 0.3108, 0.2916



35.1790, 0.3212, 0.3092



8.5857, 0.3116, 0.3064



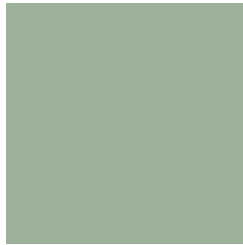
7.1850, 0.2866, 0.1352



0.2425, 0.2968, 0.1408

Previews

White Background



This preview shows how the Yxy color 40.5519, 0.3139, 0.3609 looks on a white background.

Color Contrast Check

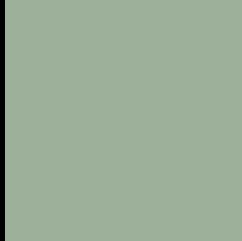
Large Text (above 18pt) WCAG AA × Fail

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 40.5519, 0.3139, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

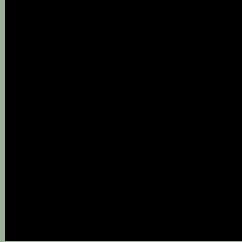
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

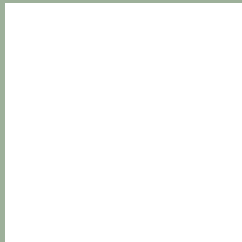
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5519, 0.3139, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 40.5519, 0.3139, 0.3609.



This preview shows how white text looks on a background with the Yxy color 40.5519, 0.3139, 0.3609.

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

40.5519, 0.3139, 0.3609

Protanopia

40.4488, 0.3366, 0.3553

Deuteranopia

40.1577, 0.3470, 0.3397



Tritanopia

40.6892, 0.2936, 0.3110

Trichromacy



Original Color

40.5519, 0.3139, 0.3609

Protanomaly

40.3181, 0.3278, 0.3573

Deuteranomaly

39.9555, 0.3344, 0.3470

Tritanomaly

40.4167, 0.3005, 0.3276

Monochromacy



Original Color

40.5519, 0.3139, 0.3609

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.6627, 0.3131, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5519, 0.3139, 0.3609 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, 176, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 176, 154)  
}
```

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, 176, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 176, 154) }
```

Border

The CSS property to change the border of an element to Yxy 40.5519, 0.3139, 0.3609 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, 176, 154) }
```

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

```
.border{ border-color:rgb(157, 176, 154) }
```

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

Here you see how a box with a 4 pixel rgb(157, 176, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 176, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 176, 154);  
box-shadow:4px 4px 4px 4px rgb(157, 176,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5519, 0.3139, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 176, 154) }
```

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

```
.background{ background-color: rgb(157,  
176, 154) }
```

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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