

Converting Colors

$Y_{xy}(23.1149, 0.3139, 0.3941)$

Have a look what the booklet for
Yxy(23.1149, 0.3139, 0.3941)
contains.

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Color

Yxy(23.1118, 0.3139, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	6E8C6A
RGB	110, 140, 106
RGB Percent	43%, 55%, 42%
CMY	0.5687, 0.4510, 0.5843
CMYK	0.21, 0.00, 0.24, 0.45
HSL	113°, 14%, 48%
HSV	113°, 24%, 55%
XYZ	18.4085, 23.1118, 17.1242
YIQ	127.1540, -6.9660, -16.9340

Conversions

Conversions Part 2

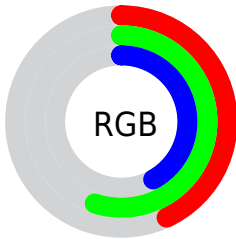
Format	Color
R_{YB}	106, 140, 136
Decimal	7244906
CIE _{Lab}	55.19, -17.55, 14.78
CIE _{LCh}	55, 22.948, 139.902
Yxy	23.1118, 0.3139, 0.3941
Android (android.graphics.Color)	4285434986 (0xFF6E8C6A)
YUV	127.1540, -10.4289, -15.0441
Hunter-Lab	48.0747, -15.7806, 12.5332

Details

The Yxy color $23.1118, 0.3139, 0.3941$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.4355, 0.3103, 0.2699$, and the grayscale version is $21.3169, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.6993, 0.3143, 0.3800$, and $8.6202, 0.3114, 0.4214$ is the 20% darker color. If you saturate the color by 10%, you get $22.1069, 0.3139, 0.4256$, and if you desaturate by 10%, it is $24.2768, 0.3136, 0.3652$.

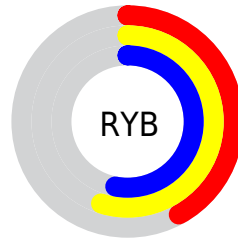
Distribution



Red (43%)

Green (55%)

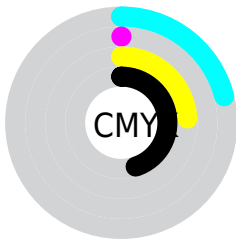
Blue (42%)



Red (42%)

Yellow (55%)

Blue (53%)

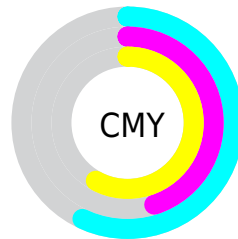


Cyan (21%)

Magenta (0%)

Yellow (24%)

Black (45%)



Cyan (57%)


Magenta (45%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1118, 0.3139, 0.3941 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 23.1118, 0.3139, 0.3941 by changing the saturation by 10% instead.


 23.1118, 0.3139,
0.3941


 23.1118, 0.3139,
0.3941


268.2987, 0.3139,
0.3566


 14.6761, 0.3136,
0.4056


 48.5768, 0.3141,
0.3790


 8.5924, 0.3128,
0.4220


 66.3749, 0.3141,
0.3738

 4.4763, 0.3110,
0.4472

 88.0626, 0.3141,
0.3696

 1.9434, 0.3070,
0.4914

 114.0243, 0.3140,
0.3661

 0.5743, 0.1696,
0.8304

144.6444, 0.3140,
0.3631

 0.0000, 0.0000,
0.0000

180.3072, 0.3140,

0.3606

221.3972, 0.3139,
0.3585

■ 23.1118, 0.3139,
0.3941

■ 23.1118, 0.3139,
0.3941

■ 22.1069, 0.3139,
0.4256

■ 24.2768, 0.3136,
0.3652

■ 21.2523, 0.3136,
0.4588

■ 25.6053, 0.3130,
0.3392

■ 20.5415, 0.3127,
0.4924

■ 27.1043, 0.3123,
0.3162

■ 19.9666, 0.3114,
0.5245

■ 28.7798, 0.3115,
0.2961

■ 19.5188, 0.3095,
0.5529

■ 30.6371, 0.3107,
0.2785

■ 19.1884, 0.3072,
0.5752

■ 32.6815, 0.3099,
0.2633

■ 18.9637, 0.3047,
0.5903

■ 34.9181, 0.3091,
0.2500

■ 18.8722, 0.3037,
0.5970

■ 37.3516, 0.3083,
0.2385

■ 39.9868, 0.3075,
0.2285

Harmonies

Analogous

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



23.1118, 0.3534, 0.4017



23.1118, 0.3139, 0.3941



23.1118, 0.2757, 0.3649

Triad

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



23.1118, 0.3139, 0.3941



23.1118, 0.2455, 0.2687



23.1118, 0.3809, 0.3269

Complementary

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



23.1118, 0.3139, 0.3941



17.4355, 0.3103, 0.2699

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.



23.1118, 0.3484, 0.2962



23.1118, 0.3139, 0.3941



23.1118, 0.2701, 0.2635

Square

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



23.1118, 0.3139, 0.3941



23.1118, 0.2379, 0.2902



23.1118, 0.3073, 0.2736



23.1118, 0.3937, 0.3597

Rectangle

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



23.1118, 0.3139, 0.3941



23.1118, 0.2559, 0.3387



23.1118, 0.3073, 0.2736



23.1118, 0.3719, 0.3161

Sweetspot

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



23.1128, 0.3139, 0.3941



44.4403, 0.3132, 0.3463



24.0763, 0.3497, 0.3801



10.2132, 0.3132, 0.3476



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



23.1128, 0.3139, 0.3941



39.7681, 0.3140, 0.4106



23.1409, 0.2978, 0.3701



5.6346, 0.3133, 0.3514



16.7722, 0.3039, 0.5969



0.1146, 0.3203, 0.5839

Inverse Universe

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



17.4355, 0.3103, 0.2699



28.0197, 0.3095, 0.2566



17.4289, 0.3314, 0.2912



5.0997, 0.3120, 0.3073



5.4661, 0.2923, 0.1384



0.0402, 0.3073, 0.1466

Previews

White Background



This preview shows how the Yxy color 23.1118, 0.3139, 0.3941 looks on a white background.

Color Contrast Check

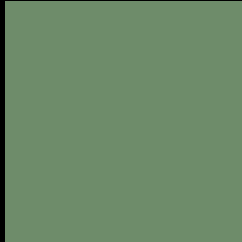
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1118, 0.3139, 0.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

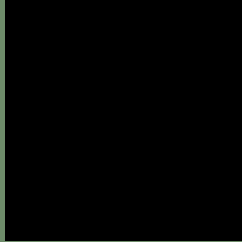
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1118, 0.3139, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 23.1118, 0.3139, 0.3941.



This preview shows how white text looks on a background with the Yxy color 23.1118, 0.3139, 0.3941.

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

23.1118, 0.3139, 0.3941

Protanopia

23.1246, 0.3567, 0.3813

Deuteranopia

22.9583, 0.3644, 0.3591



Tritanopia

23.1542, 0.2837, 0.3112

Trichromacy



Original Color

23.1118, 0.3139, 0.3941

Protanomaly

23.0530, 0.3410, 0.3869

Deuteranomaly

22.9036, 0.3450, 0.3714

Tritanomaly

23.1074, 0.2940, 0.3400

Monochromacy



Original Color

23.1118, 0.3139, 0.3941

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.8994, 0.3139, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1118, 0.3139, 0.3941 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(110, 140, 106)` looks like.

```
.text, #text, p{  
    color:rgb(110, 140, 106)  
}
```

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(110, 140, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 140, 106) }
```

Border

The CSS property to change the border of an element to Yxy 23.1118, 0.3139, 0.3941 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(110, 140, 106) }
```

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

```
.border{ border-color:rgb(110, 140, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 140, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 140, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 140, 106);  
box-shadow:4px 4px 4px 4px rgb(110, 140,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1118, 0.3139, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 140, 106) }
```

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

```
.background{ background-color: rgb(110,  
140, 106) }
```

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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