

Converting Colors

$Y_{xy}(14.1261, 0.3150, 0.3874)$

Have a look what the booklet for
Yxy(14.1261, 0.3150, 0.3874)
contains.

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Color

Yxy(14.1646, 0.3139, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	596F56
RGB	89, 111, 86
RGB Percent	35%, 44%, 34%
CMY	0.6510, 0.5647, 0.6627
CMYK	0.20, 0.00, 0.23, 0.56
HSL	113°, 13%, 39%
HSV	113°, 23%, 44%
XYZ	11.4831, 14.1646, 10.9344
YIQ	101.5720, -5.0870, -12.4390

Conversions

Conversions Part 2

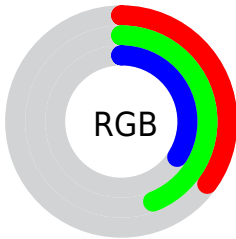
Format	Color
R_{YB}	86, 111, 108
Decimal	5861206
CIE _{Lab}	44.47, -13.46, 11.29
CIE _{LCh}	44, 17.570, 140.003
Yxy	14.1646, 0.3139, 0.3872
Android (android.graphics.Color)	4284051286 (0xFF596F56)
YUV	101.5720, -7.6770, -11.0256
Hunter-Lab	37.6359, -11.4005, 9.1195

Details

The Yxy color **14.1646, 0.3139, 0.3872** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.9946, 0.3105, 0.2756**, and the grayscale version is **13.1908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4609, 0.3135, 0.3721**, and **4.2287, 0.3127, 0.4166** is the 20% darker color. If you saturate the color by 10%, you get **13.5480, 0.3140, 0.4174**, and if you desaturate by 10%, it is **14.8745, 0.3135, 0.3596**.

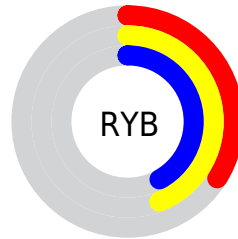
Distribution



Red (35%)

Green (44%)

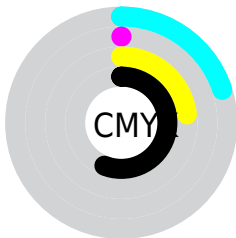
Blue (34%)



Red (34%)

Yellow (44%)

Blue (42%)

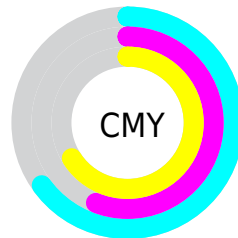


Cyan (20%)

Magenta (0%)

Yellow (23%)

Black (56%)



Cyan (65%)


Magenta (56%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1646, 0.3139, 0.3872 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 14.1646, 0.3139, 0.3872 by changing the saturation by 10% instead.


 14.1646, 0.3139,
0.3872


 14.1646, 0.3139,
0.3872


218.2524, 0.3137,
0.3515


 8.2352, 0.3136,
0.3996


 33.3808, 0.3140,
0.3720

 4.2458, 0.3128,
0.4187

 47.4364, 0.3140,
0.3670


 1.8120, 0.3104,
0.4517

 64.9696, 0.3139,
0.3631

 0.4946, 0.2225,
0.7775

 86.3647, 0.3139,
0.3599

 0.0000, 0.0000,
0.0000

 112.0062, 0.3138,
0.3572

142.2783, 0.3138,

0.3550

177.5656, 0.3137,
0.3531

■ 14.1646, 0.3139,
0.3872

■ 14.1646, 0.3139,
0.3872

■ 13.5480, 0.3140,
0.4174

■ 14.8745, 0.3135,
0.3596

■ 13.0190, 0.3138,
0.4495

■ 15.6795, 0.3129,
0.3348

■ 12.5742, 0.3132,
0.4824

■ 16.5834, 0.3122,
0.3128

■ 12.2093, 0.3120,
0.5144

■ 17.5897, 0.3114,
0.2935

■ 11.9194, 0.3103,
0.5436

■ 18.7012, 0.3106,
0.2767

■ 11.6993, 0.3082,
0.5677

■ 19.9210, 0.3097,
0.2620

■ 11.5427, 0.3058,
0.5853

■ 21.2518, 0.3089,
0.2491

■ 11.4573, 0.3047,
0.5963

■ 22.6964, 0.3081,
0.2380

■ 24.2575, 0.3073,
0.2282

Harmonies

Analogous

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



14.1646, 0.3495, 0.3944



14.1646, 0.3139, 0.3872



14.1646, 0.2793, 0.3611

Triad

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



14.1646, 0.3139, 0.3872



14.1646, 0.2518, 0.2745



14.1646, 0.3742, 0.3274

Complementary

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



14.1646, 0.3139, 0.3872



10.9946, 0.3105, 0.2756

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.



14.1646, 0.3451, 0.2994



14.1646, 0.3139, 0.3872



14.1646, 0.2743, 0.2695

Square

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



14.1646, 0.3139, 0.3872



14.1646, 0.2448, 0.2942



14.1646, 0.3081, 0.2787



14.1646, 0.3857, 0.3573

Rectangle

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



14.1646, 0.3139, 0.3872



14.1646, 0.2612, 0.3378



14.1646, 0.3081, 0.2787



14.1646, 0.3661, 0.3176

Sweetspot

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



14.1652, 0.3139, 0.3872



27.3789, 0.3132, 0.3460



14.7080, 0.3460, 0.3752



6.5643, 0.3132, 0.3470



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.1652, 0.3139, 0.3872



24.7660, 0.3140, 0.4027



14.1783, 0.2991, 0.3657



3.7805, 0.3133, 0.3506



13.4925, 0.3044, 0.5965



67.0038, 0.3025, 0.5980

Inverse Universe

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



10.9946, 0.3105, 0.2756



18.0193, 0.3098, 0.2629



10.9928, 0.3293, 0.2949



3.4343, 0.3120, 0.3081



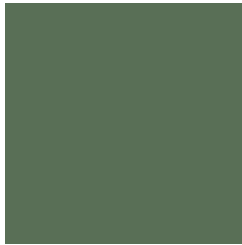
4.3906, 0.2922, 0.1383



21.6251, 0.2905, 0.1374

Previews

White Background



This preview shows how the Yxy color 14.1646, 0.3139, 0.3872 looks on a white 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

Black Background



This preview shows how the Yxy color 14.1646, 0.3139, 0.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

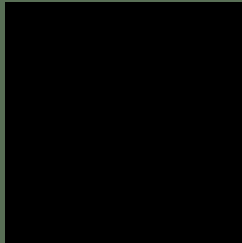
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

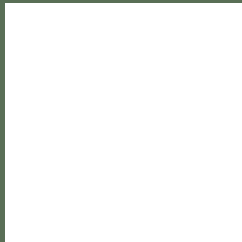
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.1646, 0.3139, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 14.1646, 0.3139, 0.3872.



This preview shows how white text looks on a background with the Yxy color 14.1646, 0.3139, 0.3872.

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

14.1646, 0.3139, 0.3872

Protanopia

14.1724, 0.3528, 0.3761

Deuteranopia

14.0769, 0.3614, 0.3557



Tritanopia

14.1560, 0.2847, 0.3094

Trichromacy



Original Color

14.1646, 0.3139, 0.3872

Protanomaly

14.0985, 0.3386, 0.3799

Deuteranomaly

14.0425, 0.3427, 0.3680

Tritanomaly

14.0204, 0.2951, 0.3357

Monochromacy



Original Color

14.1646, 0.3139, 0.3872

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.4891, 0.3132, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1646, 0.3139, 0.3872 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(89, 111, 86)` looks like.

```
.text, #text, p{  
    color:rgb(89, 111, 86)  
}
```

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(89, 111, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 111, 86) }
```

Border

The CSS property to change the border of an element to Yxy 14.1646, 0.3139, 0.3872 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(89, 111, 86) }
```

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

```
.border{ border-color:rgb(89, 111, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 111, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 111, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 111, 86);  
box-shadow:4px 4px 4px 4px rgb(89, 111,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1646, 0.3139, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 111, 86) }
```

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

```
.background{ background-color: rgb(89, 111,  
86) }
```

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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