

Converting Colors

$Y_{xy}(14.0733, 0.3471, 0.3832)$

Have a look what the booklet for
Yxy(14.0733, 0.3471, 0.3832)
contains.

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Color

Yxy(14.0279, 0.3475, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	6B6A51
RGB	107, 106, 81
RGB Percent	42%, 42%, 32%
CMY	0.5804, 0.5843, 0.6824
CMYK	0.00, 0.01, 0.24, 0.58
HSL	58°, 14%, 37%
HSV	58°, 24%, 42%
XYZ	12.7011, 14.0279, 9.8210
YIQ	103.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

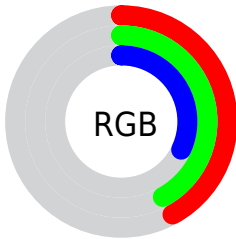
Format	Color
R_{YB}	82, 107, 81
Decimal	7039569
CIE Lab	44.27, -4.17, 14.23
CIE LCh	44, 14.824, 106.343
Yxy	14.0279, 0.3475, 0.3838
Android (android.graphics.Color)	4285229649 (0xFF6B6A51)
YUV	103.4490, -11.0674, 3.1142
Hunter-Lab	37.4538, -5.0123, 10.6709

Details

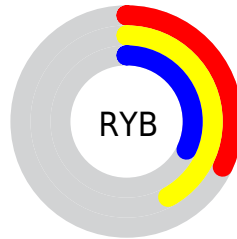
The Yxy color **14.0279, 0.3475, 0.3838** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.8404, 0.2743, 0.2676**, and the grayscale version is **13.7167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0966, 0.3399, 0.3703**, and **4.1851, 0.3630, 0.4122** is the 20% darker color. If you saturate the color by 10%, you get **13.7976, 0.3620, 0.4065**, and if you desaturate by 10%, it is **14.2852, 0.3329, 0.3609**.

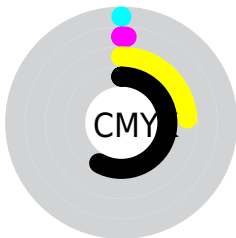
Distribution



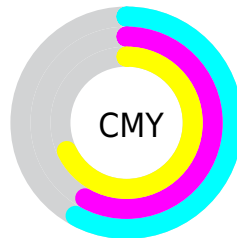
- Red (42%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (32%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (58%)




- Cyan (58%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0279, 0.3475, 0.3838 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 14.0279, 0.3475, 0.3838 by changing the saturation by 10% instead.


 14.0279, 0.3475,
0.3838


 14.0279, 0.3475,
0.3838


217.4043, 0.3269,
0.3507


 8.1401, 0.3540,
0.3949


 33.1385, 0.3391,
0.3700


 4.1847, 0.3635,
0.4114

 47.1301, 0.3362,
0.3654


 1.7774, 0.3797,
0.4404

 64.5917, 0.3339,
0.3617

 0.4730, 0.4237,
0.5763

 85.9078, 0.3320,
0.3587

 0.0000, 0.0000,
0.0000

 111.4627, 0.3304,
0.3562

141.6408, 0.3291,

0.3541

176.8266, 0.3279,
0.3523

■ 14.0279, 0.3475,
0.3838

■ 14.0279, 0.3475,
0.3838

■ 13.7976, 0.3620,
0.4065

■ 14.2852, 0.3329,
0.3609

■ 13.5911, 0.3761,
0.4282

■ 14.5686, 0.3187,
0.3384

■ 13.4079, 0.3892,
0.4481

■ 14.8798, 0.3050,
0.3168

■ 13.2466, 0.4008,
0.4655

■ 15.2199, 0.2922,
0.2963

■ 13.1055, 0.4104,
0.4796

■ 15.5897, 0.2802,
0.2771

■ 12.9829, 0.4178,
0.4900

■ 15.9901, 0.2691,
0.2593

■ 12.8759, 0.4230,
0.4967

■ 16.4221, 0.2590,
0.2430

■ 12.8167, 0.4257,
0.5002

■ 16.8864, 0.2498,
0.2281

■ 17.3837, 0.2415,
0.2146

Harmonies

Analogous

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



14.0279, 0.3685, 0.3724



14.0279, 0.3475, 0.3838



14.0279, 0.3178, 0.3795

Triad

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



14.0279, 0.3475, 0.3838



14.0279, 0.2550, 0.3026



14.0279, 0.3366, 0.3012

Complementary

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



14.0279, 0.3475, 0.3838



8.8404, 0.2743, 0.2676

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.



14.0279, 0.3052, 0.2844



14.0279, 0.3475, 0.3838



14.0279, 0.2593, 0.2841

Square

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



14.0279, 0.3475, 0.3838



14.0279, 0.2651, 0.3302



14.0279, 0.2772, 0.2780



14.0279, 0.3623, 0.3249

Rectangle

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



14.0279, 0.3475, 0.3838



14.0279, 0.2973, 0.3675



14.0279, 0.2772, 0.2780



14.0279, 0.3263, 0.2946

Sweetspot

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



14.0285, 0.3475, 0.3838



25.9417, 0.3227, 0.3449



9.6222, 0.3572, 0.3261



6.2745, 0.3233, 0.3457



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



14.0285, 0.3475, 0.3838



24.8927, 0.3556, 0.3964



13.5550, 0.3298, 0.3891



3.5650, 0.3253, 0.3488



15.5864, 0.4258, 0.5001



79.1243, 0.4262, 0.4998

Inverse Universe

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



8.8404, 0.2743, 0.2676



13.9148, 0.2642, 0.2513



9.2559, 0.2921, 0.2683



3.0418, 0.2997, 0.3084



1.3874, 0.1511, 0.0640



6.7806, 0.1505, 0.0616

Previews

White Background



This preview shows how the Yxy color 14.0279, 0.3475, 0.3838 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 14.0279, 0.3475, 0.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

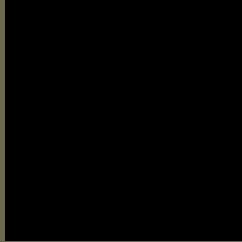
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

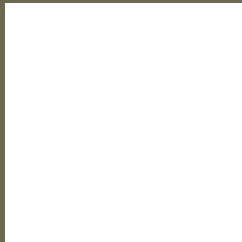
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.0279, 0.3475, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 14.0279, 0.3475, 0.3838.



This preview shows how white text looks on a background with the Yxy color 14.0279, 0.3475, 0.3838.

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

14.0279, 0.3475, 0.3838

Protanopia

13.9246, 0.3575, 0.3805

Deuteranopia

13.8611, 0.3724, 0.3659



Tritanopia

14.0080, 0.3149, 0.3124

Trichromacy



Original Color

14.0279, 0.3475, 0.3838

Protanomaly

13.9973, 0.3539, 0.3831

Deuteranomaly

13.8938, 0.3634, 0.3710

Tritanomaly

13.9163, 0.3283, 0.3376

Monochromacy



Original Color

14.0279, 0.3475, 0.3838

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.6699, 0.3247, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0279, 0.3475, 0.3838 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(107, 106, 81)` looks like.

```
.text, #text, p{  
    color:rgb(107, 106, 81)  
}
```

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(107, 106, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 106, 81) }
```

Border

The CSS property to change the border of an element to Yxy 14.0279, 0.3475, 0.3838 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(107, 106, 81) }
```

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

```
.border{ border-color:rgb(107, 106, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 106, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 106, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 106, 81);  
box-shadow:4px 4px 4px 4px rgb(107, 106,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0279, 0.3475, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 106, 81) }
```

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

```
.background{ background-color: rgb(107,  
106, 81) }
```

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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