

Converting Colors

$Y_{xy}(14.1579, 0.2875, 0.4309)$

Have a look what the booklet for
Yxy(14.1579, 0.2875, 0.4309)
contains.

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Color

Yxy(14.1579, 0.2875, 0.4309)

Conversions

Conversions Part 1

Format	Color
Hex	3A754D
RGB	58, 117, 77
RGB Percent	23%, 46%, 30%
CMY	0.7724, 0.5412, 0.6981
CMYK	0.50, 0.00, 0.34, 0.54
HSL	139°, 34%, 34%
HSV	139°, 50%, 46%
XYZ	9.4463, 14.1579, 9.2524
YIQ	94.7990, -22.3240, -24.9480

Conversions

Conversions Part 2

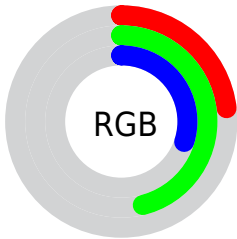
Format	Color
R _{YB}	58, 103, 117
Decimal	3831117
CIE Lab	44.46, -28.99, 16.31
CIE LCh	44, 33.267, 150.640
Yxy	14.1579, 0.2875, 0.4309
Android (android.graphics.Color)	4282021197 (0xFF3A754D)
YUV	94.7990, -8.7749, -32.2727
Hunter-Lab	37.6270, -21.0347, 11.7596

Details

The Yxy color **14.1579, 0.2875, 0.4309** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.6933, 0.3542, 0.2464**, and the grayscale version is **11.4198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5070, 0.2950, 0.4043**, and **4.2385, 0.2698, 0.4912** is the 20% darker color. If you saturate the color by 10%, you get **13.7412, 0.2845, 0.4557**, and if you desaturate by 10%, it is **14.6691, 0.2915, 0.4072**.

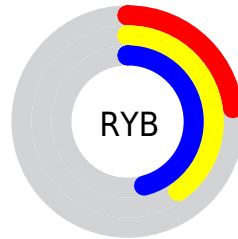
Distribution



Red (23%)

Green (46%)

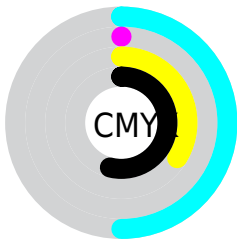
Blue (30%)



Red (23%)

Yellow (40%)

Blue (46%)

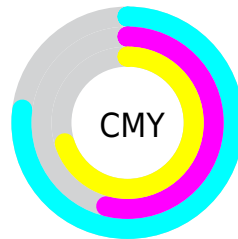


Cyan (50%)

Magenta (0%)

Yellow (34%)

Black (54%)



Cyan (77%)


Magenta (54%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1579, 0.2875, 0.4309 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 14.1579, 0.2875, 0.4309 by changing the saturation by 10% instead.


 14.1579, 0.2875,
0.4309


 14.1579, 0.2875,
0.4309


218.2109, 0.3041,
0.3670


 8.2306, 0.2809,
0.4540


 33.3689, 0.2950,
0.4033

 4.2428, 0.2699,
0.4901

 47.4214, 0.2973,
0.3944


 1.8103, 0.2522,
0.5611

 64.9511, 0.2991,
0.3874

 0.4936, 0.0000,
1.0000

 86.3423, 0.3005,
0.3817

 0.0000, 0.0000,
0.0000

 111.9796, 0.3017,
0.3771

 142.2471, 0.3026,

0.3732

177.5295, 0.3034,
0.3699

■ 14.1579, 0.2875,
0.4309

■ 14.1579, 0.2875,
0.4309

■ 13.7412, 0.2845,
0.4557

■ 14.6691, 0.2915,
0.4072

■ 13.4115, 0.2827,
0.4807

■ 15.2787, 0.2963,
0.3849

■ 13.1624, 0.2824,
0.5050

■ 15.9920, 0.3015,
0.3645

■ 12.9865, 0.2836,
0.5277

■ 16.8138, 0.3070,
0.3461

■ 12.8600, 0.2854,
0.5474

■ 17.7486, 0.3125,
0.3296

■ 18.8003, 0.3180,
0.3150

■ 19.9729, 0.3233,
0.3022

■ 21.2701, 0.3284,
0.2909

■ 22.6955, 0.3332,
0.2810

Harmonies

Analogous

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



14.1579, 0.3543, 0.4561



14.1579, 0.2875, 0.4309



14.1579, 0.2310, 0.3661

Triad

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



14.1579, 0.2875, 0.4309



14.1579, 0.2143, 0.2245



14.1579, 0.4422, 0.3403

Complementary

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



14.1579, 0.2875, 0.4309



7.6933, 0.3542, 0.2464

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.



14.1579, 0.3962, 0.2907



14.1579, 0.2875, 0.4309



14.1579, 0.2608, 0.2271

Square

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



14.1579, 0.2875, 0.4309



14.1579, 0.1930, 0.2465



14.1579, 0.3270, 0.2507



14.1579, 0.4472, 0.3922

Rectangle

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



14.1579, 0.2875, 0.4309



14.1579, 0.2061, 0.3177



14.1579, 0.3270, 0.2507



14.1579, 0.4309, 0.3231

Sweetspot

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



14.1585, 0.2875, 0.4309



29.3507, 0.3042, 0.3550



15.6431, 0.3564, 0.4571



6.6931, 0.3033, 0.3581



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.1585, 0.2875, 0.4309



24.5312, 0.2842, 0.4585



14.6674, 0.2593, 0.3548



4.1158, 0.3077, 0.3437



14.1663, 0.2856, 0.5482



68.8931, 0.2882, 0.5575

Inverse Universe

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



7.6933, 0.3542, 0.2464



11.5736, 0.3673, 0.2307



7.2383, 0.4197, 0.3062



3.7389, 0.3181, 0.3147



4.7923, 0.4185, 0.2079



23.1918, 0.4251, 0.2115

Previews

White Background



This preview shows how the Yxy color 14.1579, 0.2875, 0.4309 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 14.1579, 0.2875, 0.4309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

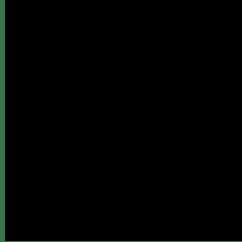
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 14.1579, 0.2875, 0.4309

Background



This preview shows how black text looks on a background with the Yxy color 14.1579, 0.2875, 0.4309.



This preview shows how white text looks on a background with the Yxy color 14.1579, 0.2875, 0.4309.

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

14.1579, 0.2875, 0.4309

Protanopia

14.0817, 0.3694, 0.3992

Deuteranopia

13.9194, 0.3754, 0.3677



Tritanopia

14.2340, 0.2535, 0.3084

Trichromacy



Original Color

14.1579, 0.2875, 0.4309

Protanomaly

13.7588, 0.3347, 0.4105

Deuteranomaly

13.5399, 0.3369, 0.3883

Tritanomaly

14.1784, 0.2656, 0.3504

Monochromacy



Original Color

14.1579, 0.2875, 0.4309

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.1989, 0.3026, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1579, 0.2875, 0.4309 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(58, 117, 77)` looks like.

```
.text, #text, p{  
    color:rgb(58, 117, 77)  
}
```

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(58, 117, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 117, 77) }
```

Border

The CSS property to change the border of an element to Yxy 14.1579, 0.2875, 0.4309 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(58, 117, 77) }
```

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

```
.border{ border-color:rgb(58, 117, 77) }
```

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

Here you see how a box with a 4 pixel rgb(58, 117, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 117, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 117, 77);  
box-shadow:4px 4px 4px 4px rgb(58, 117,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1579, 0.2875, 0.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 117, 77) }
```

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

```
.background{ background-color: rgb(58, 117,  
77) }
```

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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