

Converting Colors

$Y_{xy}(13.8688, 0.2844, 0.3540)$

Have a look what the booklet for
Yxy(13.8688, 0.2844, 0.3540)
contains.

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Color

Yxy(13.9512, 0.2851, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	4F6F64
RGB	79, 111, 100
RGB Percent	31%, 44%, 39%
CMY	0.6901, 0.5647, 0.6078
CMYK	0.29, 0.00, 0.10, 0.56
HSL	159°, 17%, 37%
HSV	159°, 29%, 44%
XYZ	11.2105, 13.9512, 14.1596
YIQ	100.1780, -15.5410, -10.2050

Conversions

Conversions Part 2

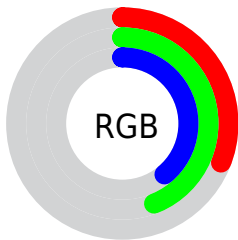
Format	Color
R_{YB}	79, 98, 111
Decimal	5205860
CIE Lab	44.16, -14.12, 2.40
CIE LCh	44, 14.319, 170.344
Yxy	13.9512, 0.2851, 0.3548
Android (android.graphics.Color)	4283395940 (0xFF4F6F64)
YUV	100.1780, -0.0878, -18.5731
Hunter-Lab	37.3513, -11.7903, 3.6695

Details

The Yxy color **13.9512, 0.2851, 0.3548** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.7128, 0.3514, 0.3047**, and the grayscale version is **12.7963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0959, 0.2918, 0.3482**, and **4.1354, 0.2724, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **13.4425, 0.2767, 0.3653**, and if you desaturate by 10%, it is **14.5440, 0.2942, 0.3451**.

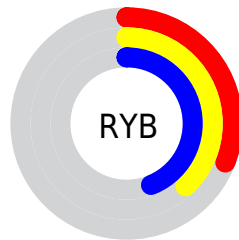
Distribution



Red (31%)

Green (44%)

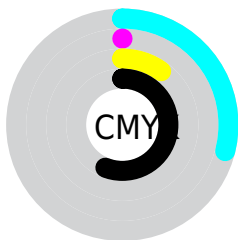
Blue (39%)



Red (31%)

Yellow (38%)

Blue (44%)

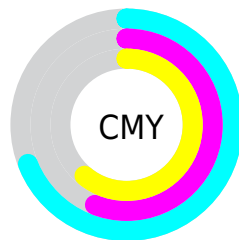


Cyan (29%)

Magenta (0%)

Yellow (10%)

Black (56%)



Cyan (69%)


Magenta (56%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9512, 0.2851, 0.3548 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 13.9512, 0.2851, 0.3548 by changing the saturation by 10% instead.


 13.9512, 0.2851,
0.3548

 13.9512, 0.2851,
0.3548


216.9270, 0.3017,
0.3392


 8.0867, 0.2795,
0.3601


 33.0024, 0.2920,
0.3482


 4.1505, 0.2712,
0.3682

 46.9580, 0.2944,
0.3460


 1.7581, 0.2572,
0.3820

 64.3793, 0.2962,
0.3443

 0.4609, 0.1052,
0.5189

 85.6509, 0.2977,
0.3429

 0.0000, 0.0000,
0.0000

 111.1570, 0.2990,
0.3417

141.2822, 0.3000,

0.3407

176.4107, 0.3009,
0.3399

■ 13.9512, 0.2851,
0.3548

■ 13.9512, 0.2851,
0.3548

■ 13.4425, 0.2767,
0.3653

■ 14.5440, 0.2942,
0.3451

■ 13.0123, 0.2694,
0.3766

■ 15.2229, 0.3039,
0.3362

■ 12.6567, 0.2634,
0.3884

■ 15.9919, 0.3139,
0.3281

■ 12.3709, 0.2589,
0.4007

■ 16.8544, 0.3240,
0.3208

■ 12.1498, 0.2562,
0.4133

■ 17.8135, 0.3341,
0.3144

■ 11.9870, 0.2553,
0.4258

■ 18.8722, 0.3441,
0.3086

■ 11.8619, 0.2555,
0.4384

■ 20.0332, 0.3537,
0.3035

■ 11.8473, 0.2555,
0.4400

■ 21.2995, 0.3631,
0.2991

■ 22.6734, 0.3721,
0.2952

Harmonies

Analogous

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



13.9512, 0.3137, 0.3759



13.9512, 0.2851, 0.3548



13.9512, 0.2645, 0.3264

Triad

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



13.9512, 0.2851, 0.3548



13.9512, 0.2815, 0.2797



13.9512, 0.3724, 0.3531

Complementary

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



13.9512, 0.2851, 0.3548



9.7128, 0.3514, 0.3047

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.



13.9512, 0.3631, 0.3284



13.9512, 0.2851, 0.3548



13.9512, 0.3095, 0.2874

Square

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



13.9512, 0.2851, 0.3548



13.9512, 0.2625, 0.2840



13.9512, 0.3397, 0.3048



13.9512, 0.3647, 0.3732

Rectangle

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



13.9512, 0.2851, 0.3548



13.9512, 0.2576, 0.3084



13.9512, 0.3397, 0.3048



13.9512, 0.3712, 0.3451

Sweetspot

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



13.9518, 0.2851, 0.3548



27.2038, 0.3035, 0.3365



14.1176, 0.3240, 0.4036



6.4996, 0.3023, 0.3375



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.



13.9518, 0.2851, 0.3548



24.3178, 0.2790, 0.3623



13.1604, 0.2721, 0.3178



3.7966, 0.3037, 0.3363



13.9563, 0.2558, 0.4410



69.3557, 0.2577, 0.4478

Inverse Universe

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



9.7128, 0.3514, 0.3047



15.3113, 0.3646, 0.2984



10.2566, 0.3686, 0.3399



3.4187, 0.3226, 0.3218



4.1439, 0.5507, 0.2807



20.4943, 0.5646, 0.2884

Previews

White Background



This preview shows how the Yxy color 13.9512, 0.2851, 0.3548 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 13.9512, 0.2851, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

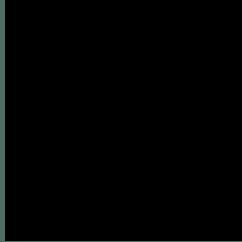
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9512, 0.2851, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 13.9512, 0.2851, 0.3548.

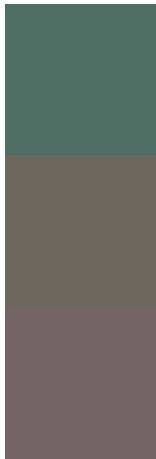


This preview shows how white text looks on a background with the Yxy color 13.9512, 0.2851, 0.3548.

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

13.9512, 0.2851, 0.3548

Protanopia

13.9333, 0.3292, 0.3463

Deuteranopia

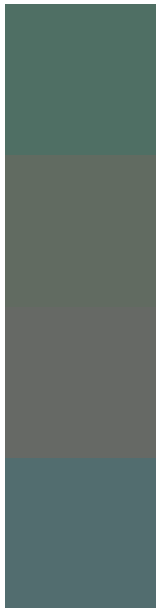
13.9115, 0.3319, 0.3270



Tritanopia

13.8485, 0.2707, 0.3088

Trichromacy



Original Color

13.9512, 0.2851, 0.3548

Protanomaly

13.9198, 0.3117, 0.3514

Deuteranomaly

13.8675, 0.3137, 0.3378

Tritanomaly

13.8788, 0.2762, 0.3243

Monochromacy



Original Color

13.9512, 0.2851, 0.3548

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.0960, 0.3012, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9512, 0.2851, 0.3548 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(79, 111, 100)` looks like.

```
.text, #text, p{  
    color:rgb(79, 111, 100)  
}
```

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(79, 111, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 111, 100) }
```

Border

The CSS property to change the border of an element to Yxy 13.9512, 0.2851, 0.3548 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(79, 111, 100) }
```

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

```
.border{ border-color:rgb(79, 111, 100) }
```

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

Here you see how a box with a 4 pixel rgb(79, 111, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 111, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 111, 100);  
box-shadow:4px 4px 4px 4px rgb(79, 111,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9512, 0.2851, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 111, 100) }
```

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

```
.background{ background-color: rgb(79, 111,  
100) }
```

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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