

Converting Colors

$Y_{xy}(14.2930, 0.3013, 0.4006)$

Have a look what the booklet for
Yxy(14.2930, 0.3013, 0.4006)
contains.

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Color

$Y_{xy}(14.2944, 0.3019, 0.4012)$

Conversions

Conversions Part 1

Format	Color
Hex	4E7254
RGB	78, 114, 84
RGB Percent	31%, 45%, 33%
CMY	0.6943, 0.5529, 0.6706
CMYK	0.32, 0.00, 0.26, 0.55
HSL	130°, 19%, 38%
HSV	130°, 32%, 45%
XYZ	10.7564, 14.2944, 10.5783
YIQ	99.8160, -11.8260, -16.9620

Conversions

Conversions Part 2

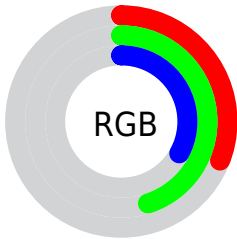
Format	Color
R_{YB}	78, 109, 114
Decimal	5141076
CIE _{Lab}	44.65, -19.58, 12.63
CIE _{LCh}	45, 23.302, 147.177
Yxy	14.2944, 0.3019, 0.4012
Android (android.graphics.Color)	4283331156 (0xFF4E7254)
YUV	99.8160, -7.7973, -19.1326
Hunter-Lab	37.8079, -15.3803, 9.8768

Details

The Yxy color **14.2944, 0.3019, 0.4012** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.1027, 0.3259, 0.2662**, and the grayscale version is **12.7150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5829, 0.3049, 0.3814**, and **4.3342, 0.2933, 0.4415** is the 20% darker color. If you saturate the color by 10%, you get **13.7160, 0.2988, 0.4288**, and if you desaturate by 10%, it is **14.9777, 0.3053, 0.3757**.

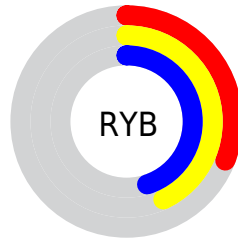
Distribution



Red (31%)

Green (45%)

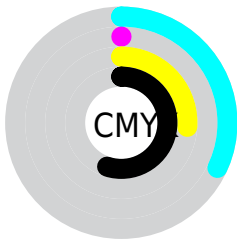
Blue (33%)



Red (31%)

Yellow (43%)

Blue (45%)

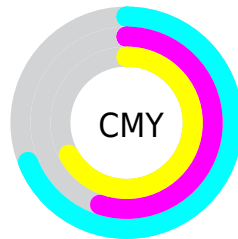


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (55%)



Cyan (69%)


Magenta (55%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2944, 0.3019, 0.4012 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 14.2944, 0.3019, 0.4012 by changing the saturation by 10% instead.


 14.2944, 0.3019,
0.4012

 14.2944, 0.3019,
0.4012


219.0547, 0.3091,
0.3566


 8.3257, 0.2989,
0.4169


 33.6105, 0.3052,
0.3821


 4.3041, 0.2940,
0.4413

 47.7267, 0.3062,
0.3759


 1.8451, 0.2843,
0.4840

 65.3275, 0.3070,
0.3710

 0.5150, 0.0218,
0.9782

 86.7973, 0.3076,
0.3670

 0.0000, 0.0000,
0.0000

 112.5206, 0.3081,
0.3637

142.8816, 0.3085,

0.3609

178.2648, 0.3089,
0.3586

■ 14.2944, 0.3019,
0.4012

■ 14.2944, 0.3019,
0.4012

■ 13.7160, 0.2988,
0.4288

■ 14.9777, 0.3053,
0.3757

■ 13.2355, 0.2961,
0.4580

■ 15.7687, 0.3087,
0.3526

■ 12.8480, 0.2941,
0.4876


■ 16.6727, 0.3122,
0.3321


■ 12.5474, 0.2930,
0.5163

■ 17.6937, 0.3155,
0.3140

■ 12.3268, 0.2928,
0.5425


■ 18.8358, 0.3187,
0.2982


 12.1782, 0.2938,
0.5646

 20.1028, 0.3216,
0.2843

 12.0845, 0.2943,
0.5796

 21.4983, 0.3244,
0.2723

 23.0259, 0.3270,
0.2619

 24.6888, 0.3294,
0.2528

Harmonies

Analogous

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



14.2944, 0.3496, 0.4166



14.2944, 0.3019, 0.4012



14.2944, 0.2592, 0.3608

Triad

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



14.2944, 0.3019, 0.4012



14.2944, 0.2388, 0.2546



14.2944, 0.4005, 0.3351

Complementary

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



14.2944, 0.3019, 0.4012



10.1027, 0.3259, 0.2662

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.



14.2944, 0.3662, 0.2983



14.2944, 0.3019, 0.4012



14.2944, 0.2716, 0.2535

Square

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



14.2944, 0.3019, 0.4012



14.2944, 0.2250, 0.2746



14.2944, 0.3179, 0.2693



14.2944, 0.4086, 0.3732

Rectangle

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



14.2944, 0.3019, 0.4012



14.2944, 0.2389, 0.3283



14.2944, 0.3179, 0.2693



14.2944, 0.3915, 0.3223

Sweetspot

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



14.2950, 0.3019, 0.4012



28.0663, 0.3096, 0.3475



15.7749, 0.3492, 0.4057



6.4501, 0.3092, 0.3500



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.



14.2950, 0.3019, 0.4012



24.3500, 0.2996, 0.4214



14.6142, 0.2822, 0.3569



3.7715, 0.3096, 0.3470



13.4477, 0.2945, 0.5803



66.8989, 0.2964, 0.5871

Inverse Universe

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



10.1027, 0.3259, 0.2662



15.7377, 0.3297, 0.2517



9.7583, 0.3572, 0.3030



3.4443, 0.3159, 0.3117



4.8981, 0.3664, 0.1792



24.2902, 0.3694, 0.1808

Previews

White Background



This preview shows how the Yxy color 14.2944, 0.3019, 0.4012 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 14.2944, 0.3019, 0.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

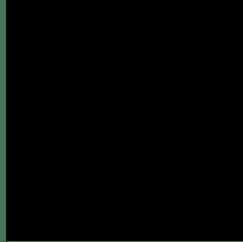
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2944, 0.3019, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 14.2944, 0.3019, 0.4012.



This preview shows how white text looks on a background with the Yxy color 14.2944, 0.3019, 0.4012.

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

14.2944, 0.3019, 0.4012

Protanopia

14.1930, 0.3585, 0.3823

Deuteranopia

14.1331, 0.3644, 0.3576



Tritanopia

14.3912, 0.2723, 0.3112

Trichromacy



Original Color

14.2944, 0.3019, 0.4012

Protanomaly

14.0285, 0.3363, 0.3898

Deuteranomaly

14.0441, 0.3393, 0.3729

Tritanomaly

14.2033, 0.2820, 0.3404

Monochromacy



Original Color

14.2944, 0.3019, 0.4012

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.1866, 0.3087, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2944, 0.3019, 0.4012 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(78, 114, 84)` looks like.

```
.text, #text, p{  
  color:rgb(78, 114, 84)  
}
```

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(78, 114, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 114, 84) }
```

Border

The CSS property to change the border of an element to Yxy 14.2944, 0.3019, 0.4012 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(78, 114, 84) }
```

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

```
.border{ border-color:rgb(78, 114, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 114, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 114, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 114, 84);  
box-shadow:4px 4px 4px 4px rgb(78, 114,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2944, 0.3019, 0.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 114, 84) }
```

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

```
.background{ background-color: rgb(78, 114,  
84) }
```

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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