

Converting Colors

$Y_{xy}(14.2320, 0.3022, 0.4145)$

Have a look what the booklet for
Yxy(14.2320, 0.3022, 0.4145)
contains.

Yxy(14.2965, 0.3015, 0.4144)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(14.2965, 0.3015, 0.4144)$

Conversions

Conversions Part 1

Format	Color
Hex	4A7350
RGB	74, 115, 80
RGB Percent	29%, 45%, 31%
CMY	0.7099, 0.5490, 0.6863
CMYK	0.36, 0.00, 0.30, 0.55
HSL	129°, 22%, 37%
HSV	129°, 36%, 45%
XYZ	10.4015, 14.2965, 9.8012
YIQ	98.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

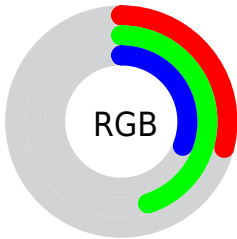
Format	Color
RYB	74, 110, 115
Decimal	4879184
CIELab	44.66, -22.28, 14.94
CIELCh	45, 26.831, 146.153
Yxy	14.2965, 0.3015, 0.4144
Android (android.graphics.Color)	4283069264 (0xFF4A7350)
YUV	98.7510, -9.2442, -21.7066
Hunter-Lab	37.8107, -17.0643, 11.0984

Details

The Yxy color **14.2965, 0.3015, 0.4144** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.6436, 0.3266, 0.2565**, and the grayscale version is **12.4368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5075, 0.3053, 0.3921**, and **4.3553, 0.2918, 0.4644** is the 20% darker color. If you saturate the color by 10%, you get **13.7471, 0.2987, 0.4435**, and if you desaturate by 10%, it is **14.9517, 0.3046, 0.3873**.

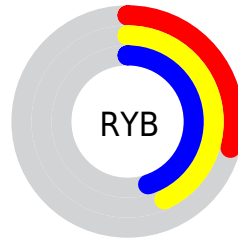
Distribution



Red (29%)

Green (45%)

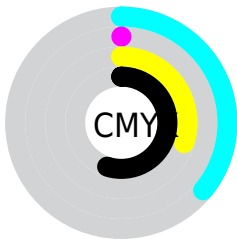
Blue (31%)



Red (29%)

Yellow (43%)

Blue (45%)

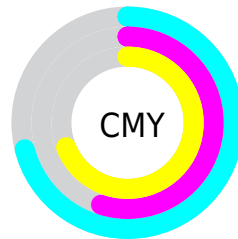


Cyan (36%)

Magenta (0%)

Yellow (30%)

Black (55%)



Cyan (71%)


Magenta (55%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2965, 0.3015, 0.4144 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 14.2965, 0.3015, 0.4144 by changing the saturation by 10% instead.


 14.2965, 0.3015,
0.4144


 14.2965, 0.3015,
0.4144


219.0676, 0.3093,
0.3613


 8.3272, 0.2981,
0.4332


 33.6142, 0.3052,
0.3916


 4.3050, 0.2923,
0.4625

 47.7314, 0.3062,
0.3843


 1.8456, 0.2819,
0.5162

 65.3333, 0.3071,
0.3784

 0.5154, 0.0000,
1.0000

 86.8043, 0.3077,
0.3737

 0.0000, 0.0000,
0.0000

 112.5289, 0.3082,
0.3698

142.8913, 0.3086,

0.3665

178.2761, 0.3090,
0.3637

■ 14.2965, 0.3015,
0.4144

■ 14.2965, 0.3015,
0.4144

■ 13.7471, 0.2987,
0.4435

■ 14.9517, 0.3046,
0.3873

■ 13.2964, 0.2964,
0.4736

■ 15.7160, 0.3078,
0.3625

■ 12.9388, 0.2948,
0.5036

■ 16.5948, 0.3109,
0.3404


■ 12.6678, 0.2940,
0.5317


■ 17.5925, 0.3140,
0.3208

■ 12.4759, 0.2943,
0.5562

■ 18.7133, 0.3170,
0.3037


 12.3496, 0.2952,
0.5758

 19.9613, 0.3198,
0.2887

 12.3030, 0.2952,
0.5829

 21.3402, 0.3224,
0.2757

 22.8538, 0.3248,
0.2644

 24.5055, 0.3270,
0.2546

Harmonies

Analogous

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



14.2965, 0.3560, 0.4303



14.2965, 0.3015, 0.4144



14.2965, 0.2526, 0.3675

Triad

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



14.2965, 0.3015, 0.4144



14.2965, 0.2277, 0.2446



14.2965, 0.4130, 0.3336

Complementary

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



14.2965, 0.3015, 0.4144



9.6436, 0.3266, 0.2565

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.



14.2965, 0.3724, 0.2924



14.2965, 0.3015, 0.4144



14.2965, 0.2639, 0.2431

Square

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



14.2965, 0.3015, 0.4144



14.2965, 0.2130, 0.2674



14.2965, 0.3163, 0.2604



14.2965, 0.4232, 0.3769

Rectangle

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



14.2965, 0.3015, 0.4144



14.2965, 0.2294, 0.3295



14.2965, 0.3163, 0.2604



14.2965, 0.4023, 0.3193

Sweetspot

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



14.2971, 0.3015, 0.4144



28.8038, 0.3092, 0.3525



16.0423, 0.3557, 0.4153



6.8332, 0.3088, 0.3548



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.



14.2971, 0.3015, 0.4144



24.7544, 0.2991, 0.4389



14.6372, 0.2801, 0.3644



4.1062, 0.3099, 0.3476



14.0611, 0.2955, 0.5837



68.4408, 0.2972, 0.5898

Inverse Universe

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



9.6436, 0.3266, 0.2565



15.0651, 0.3306, 0.2398



9.2615, 0.3625, 0.2966



3.7491, 0.3157, 0.3111



5.1749, 0.3603, 0.1759



25.1196, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 14.2965, 0.3015, 0.4144 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 14.2965, 0.3015, 0.4144 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 14.2965, 0.3015, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 14.2965, 0.3015, 0.4144.



This preview shows how white text looks on a background with the Yxy color 14.2965, 0.3015, 0.4144.

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

14.2965, 0.3015, 0.4144

Protanopia

14.1357, 0.3640, 0.3908

Deuteranopia

14.1428, 0.3718, 0.3656



Tritanopia

14.2776, 0.2680, 0.3089

Trichromacy



Original Color

14.2965, 0.3015, 0.4144

Protanomaly

14.1257, 0.3396, 0.4013

Deuteranomaly

13.9205, 0.3432, 0.3821

Tritanomaly

14.2705, 0.2798, 0.3451

Monochromacy



Original Color

14.2965, 0.3015, 0.4144

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.0495, 0.3085, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2965, 0.3015, 0.4144 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(74, 115, 80)` looks like.

```
.text, #text, p{  
    color:rgb(74, 115, 80)  
}
```

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(74, 115, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 115, 80) }
```

Border

The CSS property to change the border of an element to Yxy 14.2965, 0.3015, 0.4144 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(74, 115, 80) }
```

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

```
.border{ border-color:rgb(74, 115, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 115, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 115, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 115, 80);  
box-shadow:4px 4px 4px 4px rgb(74, 115,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2965, 0.3015, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 115, 80) }
```

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

```
.background{ background-color: rgb(74, 115,  
80) }
```

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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