

Converting Colors

$Y_{xy}(14.3152, 0.3069, 0.4540)$

Have a look what the booklet for
Yxy(14.3152, 0.3069, 0.4540)
contains.

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Color

$Y_{xy}(14.3211, 0.3069, 0.4536)$

Conversions

Conversions Part 1

Format	Color
Hex	437543
RGB	67, 117, 67
RGB Percent	26%, 46%, 26%
CMY	0.7372, 0.5412, 0.7373
CMYK	0.43, 0.00, 0.43, 0.54
HSL	120°, 27%, 36%
HSV	120°, 43%, 46%
XYZ	9.6895, 14.3211, 7.5615
YIQ	96.3500, -13.7500, -26.1500

Conversions

Conversions Part 2

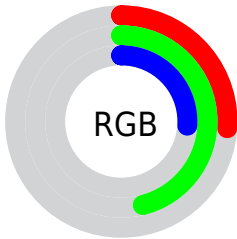
Format	Color
RYB	67, 117, 117
Decimal	4420931
CIELab	44.69, -28.02, 22.43
CIELCh	45, 35.893, 141.324
Yxy	14.3211, 0.3069, 0.4536
Android (android.graphics.Color)	4282611011 (0xFF437543)
YUV	96.3500, -14.4696, -25.7400
Hunter-Lab	37.8432, -20.5221, 14.6434

Details

The Yxy color **14.3211, 0.3069, 0.4536** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.0773, 0.3173, 0.2295**, and the grayscale version is **11.8259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8620, 0.3101, 0.4201**, and **4.3023, 0.2962, 0.5253** is the 20% darker color. If you saturate the color by 10%, you get **13.8227, 0.3053, 0.4878**, and if you desaturate by 10%, it is **14.9326, 0.3085, 0.4202**.

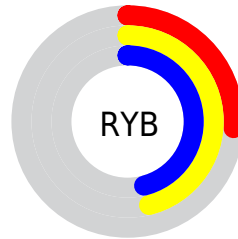
Distribution



Red (26%)

Green (46%)

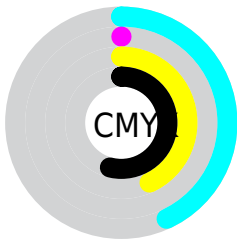
Blue (26%)



Red (26%)

Yellow (46%)

Blue (46%)

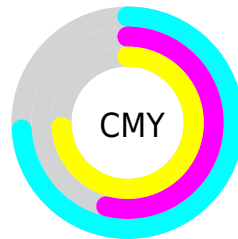


Cyan (43%)

Magenta (0%)

Yellow (43%)

Black (54%)



Cyan (74%)


Magenta (54%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3211, 0.3069, 0.4536 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 14.3211, 0.3069, 0.4536 by changing the saturation by 10% instead.


 14.3211, 0.3069,
0.4536


 14.3211, 0.3069,
0.4536


219.2194, 0.3127,
0.3755


 8.3443, 0.3032,
0.4815


 33.6577, 0.3102,
0.4199


 4.3161, 0.2957,
0.5245

 47.7863, 0.3110,
0.4091


 1.8519, 0.2955,
0.6350

 65.4010, 0.3116,
0.4005

 0.5192, 0.0000,
1.0000

 86.8862, 0.3120,
0.3936

 0.0000, 0.0000,
0.0000

 112.6262, 0.3122,
0.3878

143.0055, 0.3124,

0.3831

178.4084, 0.3126,
0.3790

■ 14.3211, 0.3069,
0.4536

■ 14.3211, 0.3069,
0.4536

■ 13.8227, 0.3053,
0.4878

■ 14.9326, 0.3085,
0.4202

■ 13.4288, 0.3037,
0.5209

■ 15.6615, 0.3099,
0.3890

■ 13.1325, 0.3024,
0.5504

■ 16.5142, 0.3112,
0.3606

■ 12.9252, 0.3012,
0.5741

■ 17.4962, 0.3124,
0.3354


■ 12.7966, 0.3005,
0.5902

■ 18.6124, 0.3134,
0.3133

 12.7232, 0.3000,
0.6000

 19.8677, 0.3143,
0.2941

 21.2666, 0.3151,
0.2775

 22.8135, 0.3158,
0.2632

 24.5124, 0.3163,
0.2509

Harmonies

Analogous

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



14.3211, 0.3777, 0.4633



14.3211, 0.3069, 0.4536



14.3211, 0.2414, 0.3934

Triad

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



14.3211, 0.3069, 0.4536



14.3211, 0.1981, 0.2219



14.3211, 0.4407, 0.3232

Complementary

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



14.3211, 0.3069, 0.4536



9.0773, 0.3173, 0.2295

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.



14.3211, 0.3805, 0.2733



14.3211, 0.3069, 0.4536



14.3211, 0.2390, 0.2173

Square

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



14.3211, 0.3069, 0.4536



14.3211, 0.1841, 0.2535



14.3211, 0.3042, 0.2359



14.3211, 0.4601, 0.3782

Rectangle

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



14.3211, 0.3069, 0.4536



14.3211, 0.2096, 0.3401



14.3211, 0.3042, 0.2359



14.3211, 0.4243, 0.3057

Sweetspot

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



14.3217, 0.3069, 0.4536



29.4753, 0.3112, 0.3622



16.7165, 0.3738, 0.4276



6.7101, 0.3109, 0.3671



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.



14.3217, 0.3069, 0.4536



24.7864, 0.3054, 0.4863



14.6738, 0.2822, 0.3918



4.0983, 0.3117, 0.3509



14.0179, 0.3000, 0.6000



68.3099, 0.3000, 0.6000

Inverse Universe

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



9.0773, 0.3173, 0.2295



14.0963, 0.3183, 0.2097



8.5820, 0.3617, 0.2745



3.7578, 0.3137, 0.3081



5.5771, 0.3208, 0.1541



27.1768, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 14.3211, 0.3069, 0.4536 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 14.3211, 0.3069, 0.4536 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 14.3211, 0.3069, 0.4536

Background



This preview shows how black text looks on a background with the Yxy color 14.3211, 0.3069, 0.4536.



This preview shows how white text looks on a background with the Yxy color 14.3211, 0.3069, 0.4536.

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

14.3211, 0.3069, 0.4536

Protanopia

14.1069, 0.3844, 0.4166

Deuteranopia

14.1979, 0.3940, 0.3886



Tritanopia

14.3446, 0.2630, 0.3088

Trichromacy



Original Color

14.3211, 0.3069, 0.4536

Protanomaly

13.9041, 0.3543, 0.4309

Deuteranomaly

13.9608, 0.3585, 0.4107

Tritanomaly

14.2057, 0.2787, 0.3573

Monochromacy



Original Color

14.3211, 0.3069, 0.4536

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.4878, 0.3105, 0.3752

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3211, 0.3069, 0.4536 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(67, 117, 67)` looks like.

```
.text, #text, p{  
    color:rgb(67, 117, 67)  
}
```

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(67, 117, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 117, 67) }
```

Border

The CSS property to change the border of an element to Yxy 14.3211, 0.3069, 0.4536 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(67, 117, 67) }
```

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

```
.border{ border-color:rgb(67, 117, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 117, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 117, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 117, 67);  
box-shadow:4px 4px 4px 4px rgb(67, 117,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3211, 0.3069, 0.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 117, 67) }
```

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

```
.background{ background-color: rgb(67, 117,  
67) }
```

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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