

Converting Colors

$Y_{xy}(14.2418, 0.3254, 0.4518)$

Have a look what the booklet for
Yxy(14.2418, 0.3254, 0.4518)
contains.

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Color

Yxy(14.2939, 0.3249, 0.4517)

Conversions

Conversions Part 1

Format	Color
Hex	4F7340
RGB	79, 115, 64
RGB Percent	31%, 45%, 25%
CMY	0.6902, 0.5490, 0.7490
CMYK	0.31, 0.00, 0.44, 0.55
HSL	102°, 28%, 35%
HSV	102°, 44%, 45%
XYZ	10.2814, 14.2939, 7.0694
YIQ	98.4220, -5.0850, -23.4930

Conversions

Conversions Part 2

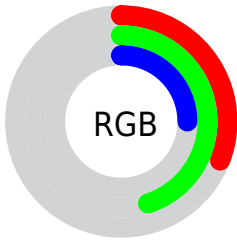
Format	Color
RYB	64, 115, 100
Decimal	5206848
CIELab	44.65, -23.19, 24.19
CIElCh	45, 33.510, 133.798
Yxy	14.2939, 0.3249, 0.4517
Android (android.graphics.Color)	4283396928 (0xFF4F7340)
YUV	98.4220, -16.9700, -17.0331
Hunter-Lab	37.8073, -17.6212, 15.3787

Details

The Yxy color **14.2939, 0.3249, 0.4517** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.6158, 0.2914, 0.2179**, and the grayscale version is **12.3699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5755, 0.3238, 0.4181**, and **4.3526, 0.3219, 0.5208** is the 20% darker color. If you saturate the color by 10%, you get **13.8496, 0.3260, 0.4827**, and if you desaturate by 10%, it is **14.8090, 0.3229, 0.4210**.

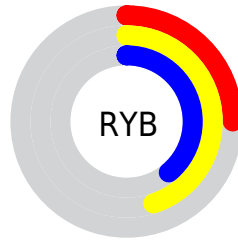
Distribution



Red (31%)

Green (45%)

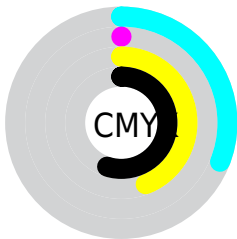
Blue (25%)



Red (25%)

Yellow (45%)

Blue (39%)

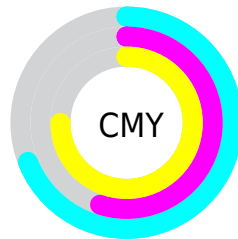


Cyan (31%)

Magenta (0%)

Yellow (44%)

Black (55%)



Cyan (69%)


Magenta (55%)

Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2939, 0.3249, 0.4517 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 14.2939, 0.3249, 0.4517 by changing the saturation by 10% instead.


 14.2939, 0.3249,
0.4517

 14.2939, 0.3249,
0.4517


 219.0516, 0.3199,
0.3753


 8.3254, 0.3247,
0.4784


 33.6096, 0.3238,
0.4190

 4.3038, 0.3222,
0.5190

 47.7256, 0.3231,
0.4084


 1.8449, 0.3385,
0.6356

 65.3261, 0.3224,
0.4000

 0.5150, 0.0000,
1.0000

 86.7957, 0.3218,
0.3932

 0.0000, 0.0000,
0.0000

 112.5186, 0.3212,
0.3875

 142.8793, 0.3207,

0.3828

178.2622, 0.3203,
0.3788

■ 14.2939, 0.3249,
0.4517

■ 14.2939, 0.3249,
0.4517

■ 13.8496, 0.3260,
0.4827

■ 14.8090, 0.3229,
0.4210

■ 13.4710, 0.3259,
0.5125

■ 15.3959, 0.3204,
0.3916

■ 13.1553, 0.3246,
0.5394


■ 16.0582, 0.3174,
0.3641


■ 12.8987, 0.3219,
0.5617


■ 16.7984, 0.3141,
0.3391

■ 12.6959, 0.3181,
0.5785


■ 17.6191, 0.3108,
0.3165

 12.5986, 0.3162,
0.5871

 18.5227, 0.3076,
0.2963

 19.5114, 0.3044,
0.2784

 20.5874, 0.3014,
0.2626

 21.7529, 0.2985,
0.2486

Harmonies

Analogous

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



14.2939, 0.3898, 0.4501



14.2939, 0.3249, 0.4517



14.2939, 0.2602, 0.4060

Triad

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



14.2939, 0.3249, 0.4517



14.2939, 0.1988, 0.2333



14.2939, 0.4211, 0.3116

Complementary

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



14.2939, 0.3249, 0.4517



7.6158, 0.2914, 0.2179

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.



14.2939, 0.3586, 0.2664



14.2939, 0.3249, 0.4517



14.2939, 0.2314, 0.2225

Square

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



14.2939, 0.3249, 0.4517



14.2939, 0.1922, 0.2705



14.2939, 0.2880, 0.2348



14.2939, 0.4503, 0.3633

Rectangle

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



14.2939, 0.3249, 0.4517



14.2939, 0.2260, 0.3584



14.2939, 0.2880, 0.2348



14.2939, 0.4029, 0.2954

Sweetspot

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



14.2945, 0.3249, 0.4517



28.8806, 0.3170, 0.3615



13.0729, 0.3876, 0.4046



6.8351, 0.3176, 0.3663



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.



14.2945, 0.3249, 0.4517



24.7960, 0.3260, 0.4829



13.8493, 0.2963, 0.4324



4.1456, 0.3157, 0.3506



14.3925, 0.3158, 0.5875



69.7448, 0.3125, 0.5901

Inverse Universe

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



7.6158, 0.2914, 0.2179



11.1984, 0.2847, 0.1929



8.3291, 0.3357, 0.2443



3.7065, 0.3095, 0.3078



3.4128, 0.2501, 0.1152



16.1736, 0.2463, 0.1131

Previews

White Background



This preview shows how the Yxy color 14.2939, 0.3249, 0.4517 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 14.2939, 0.3249, 0.4517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

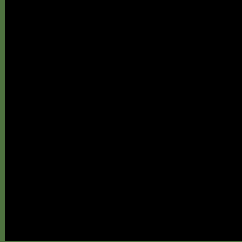
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2939, 0.3249, 0.4517

Background



This preview shows how black text looks on a background with the Yxy color 14.2939, 0.3249, 0.4517.



This preview shows how white text looks on a background with the Yxy color 14.2939, 0.3249, 0.4517.

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

14.2939, 0.3249, 0.4517

Protanopia

14.0742, 0.3883, 0.4224

Deuteranopia

14.2246, 0.4012, 0.3958



Tritanopia

14.3200, 0.2756, 0.3092

Trichromacy



Original Color

14.2939, 0.3249, 0.4517

Protanomaly

14.0990, 0.3639, 0.4351

Deuteranomaly

14.0164, 0.3720, 0.4149

Tritanomaly

14.1820, 0.2946, 0.3591

Monochromacy



Original Color

14.2939, 0.3249, 0.4517

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.7967, 0.3178, 0.3716

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2939, 0.3249, 0.4517 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, 115, 64)` looks like.

```
.text, #text, p{  
  color:rgb(79, 115, 64)  
}
```

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, 115, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 115, 64) }
```

Border

The CSS property to change the border of an element to Yxy 14.2939, 0.3249, 0.4517 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, 115, 64) }
```

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

```
.border{ border-color:rgb(79, 115, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 115, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 115, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 115, 64);  
box-shadow:4px 4px 4px 4px rgb(79, 115,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2939, 0.3249, 0.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 115, 64) }
```

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

```
.background{ background-color: rgb(79, 115,  
64) }
```

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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