

Converting Colors

$Y_{xy}(14.2264, 0.3150, 0.4741)$

Have a look what the booklet for
Yxy(14.2264, 0.3150, 0.4741)
contains.

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Color

Yxy(14.2316, 0.3146, 0.4731)

Conversions

Conversions Part 1

Format	Color
Hex	43753B
RGB	67, 117, 59
RGB Percent	26%, 46%, 23%
CMY	0.7374, 0.5411, 0.7686
CMYK	0.43, 0.00, 0.50, 0.54
HSL	112°, 33%, 35%
HSV	112°, 50%, 46%
XYZ	9.4637, 14.2316, 6.3863
YIQ	95.4380, -11.1820, -28.6380

Conversions

Conversions Part 2

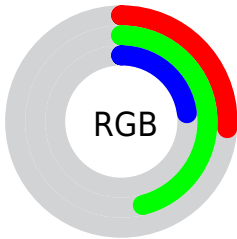
Format	Color
R_{YB}	59, 117, 109
Decimal	4420923
CIE _{Lab}	44.56, -29.30, 26.71
CIE _{LCh}	45, 39.652, 137.648
Yxy	14.2316, 0.3146, 0.4731
Android (android.graphics.Color)	4282611003 (0xFF43753B)
YUV	95.4380, -17.9639, -24.9401
Hunter-Lab	37.7248, -21.2398, 16.3703

Details

The Yxy color **14.2316, 0.3146, 0.4731** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.6672, 0.3039, 0.2102**, and the grayscale version is **11.5989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6625, 0.3170, 0.4356**, and **4.2649, 0.3042, 0.5551** is the 20% darker color. If you saturate the color by 10%, you get **13.7981, 0.3137, 0.5056**, and if you desaturate by 10%, it is **14.7558, 0.3149, 0.4403**.

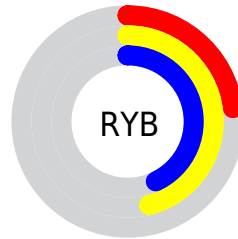
Distribution



Red (26%)

Green (46%)

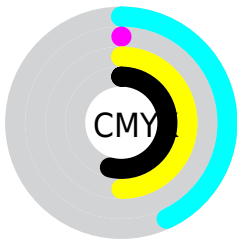
Blue (23%)



Red (23%)

Yellow (46%)

Blue (43%)

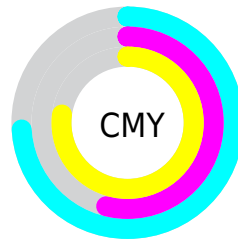


Cyan (43%)

Magenta (0%)

Yellow (50%)

Black (54%)



Cyan (74%)


Magenta (54%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2316, 0.3146, 0.4731 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 14.2316, 0.3146, 0.4731 by changing the saturation by 10% instead.


 14.2316, 0.3146,
0.4731


 14.2316, 0.3146,
0.4731


 218.6669, 0.3166,
0.3826


 8.2819, 0.3113,
0.5051


 33.4994, 0.3168,
0.4342


 4.2759, 0.3037,
0.5539

 47.5863, 0.3170,
0.4215


 1.8290, 0.3088,
0.6912

 65.1544, 0.3171,
0.4116

 0.5052, 0.0000,
1.0000

 86.5882, 0.3171,
0.4036

 0.0000, 0.0000,
0.0000

 112.2719, 0.3170,
0.3969

 142.5900, 0.3169,

0.3914

177.9268, 0.3167,
0.3867

■ 14.2316, 0.3146,
0.4731

■ 14.2316, 0.3146,
0.4731

■ 13.7981, 0.3137,
0.5056

■ 14.7558, 0.3149,
0.4403

■ 13.4483, 0.3121,
0.5357

■ 15.3734, 0.3148,
0.4086

■ 13.1773, 0.3100,
0.5614


■ 16.0896, 0.3143,
0.3790

■ 12.9788, 0.3075,
0.5808


■ 16.9082, 0.3136,
0.3521


■ 12.8400, 0.3053,
0.5952


■ 17.8332, 0.3127,
0.3280

 12.8350, 0.3053,
0.5958

 18.8681, 0.3117,
0.3067

 20.0166, 0.3106,
0.2880

 21.2818, 0.3095,
0.2717

 22.6669, 0.3085,
0.2575

Harmonies

Analogous

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



14.2316, 0.3914, 0.4744



14.2316, 0.3146, 0.4731



14.2316, 0.2414, 0.4113

Triad

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



14.2316, 0.3146, 0.4731



14.2316, 0.1845, 0.2143



14.2316, 0.4483, 0.3144

Complementary

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



14.2316, 0.3146, 0.4731



7.6672, 0.3039, 0.2102

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.



14.2316, 0.3772, 0.2621



14.2316, 0.3146, 0.4731



14.2316, 0.2249, 0.2067

Square

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



14.2316, 0.3146, 0.4731



14.2316, 0.1730, 0.2516



14.2316, 0.2930, 0.2240



14.2316, 0.4753, 0.3733

Rectangle

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



14.2316, 0.3146, 0.4731



14.2316, 0.2048, 0.3515



14.2316, 0.2930, 0.2240



14.2316, 0.4283, 0.2959

Sweetspot

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



14.2322, 0.3146, 0.4731



29.3983, 0.3141, 0.3674



14.8883, 0.3896, 0.4289



6.7048, 0.3142, 0.3719



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.



14.2322, 0.3146, 0.4731



24.6389, 0.3136, 0.5086



14.2233, 0.2862, 0.4245



4.1201, 0.3135, 0.3507



14.1348, 0.3051, 0.5960



68.6542, 0.3031, 0.5975

Inverse Universe

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



7.6672, 0.3039, 0.2102



11.4539, 0.3009, 0.1870



7.7685, 0.3567, 0.2508



3.7337, 0.3117, 0.3079



4.4550, 0.2877, 0.1358



21.4351, 0.2858, 0.1348

Previews

White Background



This preview shows how the Yxy color 14.2316, 0.3146, 0.4731 looks on a white background.

Color Contrast Check

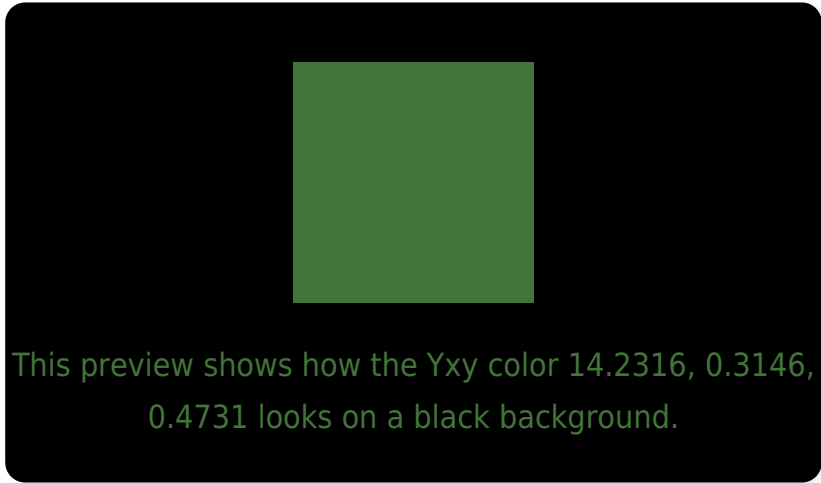
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

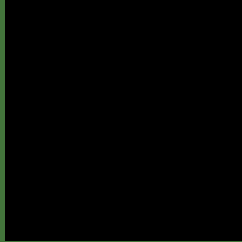
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2316, 0.3146, 0.4731

Background



This preview shows how black text looks on a background with the Yxy color 14.2316, 0.3146, 0.4731.



This preview shows how white text looks on a background with the Yxy color 14.2316, 0.3146, 0.4731.

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

14.2316, 0.3146, 0.4731

Protanopia

14.0920, 0.3960, 0.4311

Deuteranopia

13.9853, 0.4077, 0.4014



Tritanopia

14.1035, 0.2637, 0.3087

Trichromacy



Original Color

14.2316, 0.3146, 0.4731

Protanomaly

13.8195, 0.3636, 0.4479

Deuteranomaly

13.6591, 0.3694, 0.4258

Tritanomaly

14.1292, 0.2829, 0.3672

Monochromacy



Original Color

14.2316, 0.3146, 0.4731

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.2410, 0.3145, 0.3805

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2316, 0.3146, 0.4731 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(67, 117, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 117, 59) }
```

Border

The CSS property to change the border of an element to Yxy 14.2316, 0.3146, 0.4731 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, 59) }
```

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

```
.border{ border-color:rgb(67, 117, 59) }
```

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, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 117, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 117, 59);  
box-shadow:4px 4px 4px 4px rgb(67, 117,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2316, 0.3146, 0.4731 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, 59) }
```

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

```
.background{ background-color: rgb(67, 117,  
59) }
```

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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