

Converting Colors

$Y_{xy}(14.4389, 0.3340, 0.5108)$

Have a look what the booklet for
Yxy(14.4389, 0.3340, 0.5108)
contains.

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Color

$\text{Yxy}(14.4566, 0.3346, 0.5104)$

Conversions

Conversions Part 1

Format	Color
Hex	477629
RGB	71, 118, 41
RGB Percent	28%, 46%, 16%
CMY	0.7216, 0.5372, 0.8391
CMYK	0.40, 0.00, 0.65, 0.54
HSL	97°, 48%, 31%
HSV	97°, 65%, 46%
XYZ	9.4772, 14.4566, 4.3902
YIQ	95.1690, -3.2950, -33.9110

Conversions

Conversions Part 2

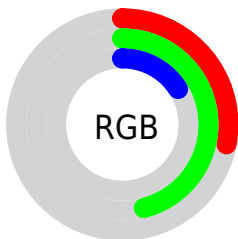
Format	Color
R_{YB}	41, 118, 88
Decimal	4683305
CIE _{Lab}	44.88, -30.56, 36.39
CIE _{LCh}	45, 47.517, 130.028
Yxy	14.4566, 0.3346, 0.5104
Android (android.graphics.Color)	4282873385 (0xFF477629)
YUV	95.1690, -26.7053, -21.1962
Hunter-Lab	38.0218, -22.0457, 19.7693

Details


The Yxy color **14.4566, 0.3346, 0.5104** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.9712, 0.2632, 0.1617**, and the grayscale version is **11.5528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0750, 0.3339, 0.4629**, and **4.3947, 0.3190, 0.5849** is the 20% darker color. If you saturate the color by 10%, you get **14.1303, 0.3338, 0.5358**, and if you desaturate by 10%, it is **14.8412, 0.3338, 0.4821**.

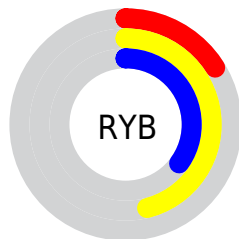
Distribution



 Red (28%)

 Green (46%)

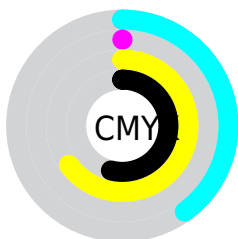
 Blue (16%)




 Red (16%)

 Yellow (46%)

 Blue (35%)

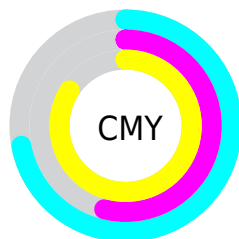


 Cyan (40%)


 Magenta (0%)

 Yellow (65%)

 Black (54%)



 Cyan (72%)


 Magenta (54%)

 Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4566, 0.3346, 0.5104 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 14.4566, 0.3346, 0.5104 by changing the saturation by 10% instead.


 14.4566, 0.3346,
0.5104


 14.4566, 0.3346,
0.5104


 220.0532, 0.3270,
0.3975


 8.4389, 0.3322,
0.5482


 33.8970, 0.3339,
0.4627


 4.3771, 0.3271,
0.6095

 48.0886, 0.3329,
0.4469


 1.8866, 0.3029,
0.6971

 65.7735, 0.3318,
0.4343

 0.5403, 0.0000,
1.0000

 87.3363, 0.3307,
0.4242

 0.0000, 0.0000,
0.0000

 113.1612, 0.3296,
0.4158

 143.6327, 0.3287,

0.4087

179.1353, 0.3278,
0.4027

■ 14.4566, 0.3346,
0.5104

■ 14.4566, 0.3346,
0.5104

■ 14.1303, 0.3338,
0.5358

■ 14.8412, 0.3338,
0.4821

■ 13.8571, 0.3313,
0.5567

■ 15.2852, 0.3316,
0.4523

■ 13.6323, 0.3274,
0.5726

■ 15.7922, 0.3283,
0.4225

■ 13.5372, 0.3256,
0.5797

■ 16.3647, 0.3243,
0.3936

■ 17.0053, 0.3199,
0.3664

■ 17.7161, 0.3152,
0.3413

■ 18.4995, 0.3105,
0.3184

■ 19.3576, 0.3058,
0.2978

■ 20.2923, 0.3014,
0.2794

Harmonies

Analogous

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



14.4566, 0.4214, 0.4881



14.4566, 0.3346, 0.5104



14.4566, 0.2468, 0.4544

Triad

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



14.4566, 0.3346, 0.5104



14.4566, 0.1589, 0.2025



14.4566, 0.4565, 0.2936

Complementary

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



14.4566, 0.3346, 0.5104



4.9712, 0.2632, 0.1617

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.



14.4566, 0.3627, 0.2382



14.4566, 0.3346, 0.5104



14.4566, 0.1956, 0.1875

Square

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



14.4566, 0.3346, 0.5104



14.4566, 0.1537, 0.2531



14.4566, 0.2655, 0.2007



14.4566, 0.5028, 0.3583

Rectangle

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



14.4566, 0.3346, 0.5104



14.4566, 0.1999, 0.3829



14.4566, 0.2655, 0.2007



14.4566, 0.4285, 0.2737

Sweetspot

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



14.4572, 0.3346, 0.5104



29.2918, 0.3223, 0.3805



10.8623, 0.4386, 0.4217



6.6787, 0.3232, 0.3865



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.



14.4572, 0.3346, 0.5104



24.6071, 0.3328, 0.5462



13.6487, 0.2977, 0.5115



4.1613, 0.3170, 0.3505



14.6377, 0.3253, 0.5799



70.8675, 0.3217, 0.5828

Inverse Universe

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



4.9712, 0.2632, 0.1617



6.5214, 0.2484, 0.1315



6.5714, 0.3343, 0.1980



3.6901, 0.3081, 0.3077



2.9004, 0.2286, 0.1033



13.6284, 0.2239, 0.1007

Previews

White Background



This preview shows how the Yxy color 14.4566, 0.3346, 0.5104 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 14.4566, 0.3346, 0.5104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

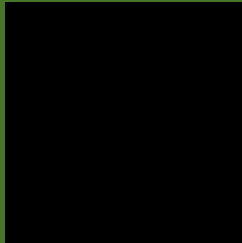
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4566, 0.3346, 0.5104

Background



This preview shows how black text looks on a background with the Yxy color 14.4566, 0.3346, 0.5104.



This preview shows how white text looks on a background with the Yxy color 14.4566, 0.3346, 0.5104.

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

14.4566, 0.3346, 0.5104

Protanopia

14.2996, 0.4161, 0.4585

Deuteranopia

14.3379, 0.4329, 0.4273



Tritanopia

14.3228, 0.2691, 0.3090

Trichromacy



Original Color

14.4566, 0.3346, 0.5104

Protanomaly

14.0650, 0.3845, 0.4782

Deuteranomaly

13.9561, 0.3942, 0.4570

Tritanomaly

14.2279, 0.2953, 0.3814

Monochromacy



Original Color

14.4566, 0.3346, 0.5104

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.1869, 0.3251, 0.3979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4566, 0.3346, 0.5104 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(71, 118, 41)` looks like.

```
.text, #text, p{  
    color:rgb(71, 118, 41)  
}
```

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(71, 118, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 118, 41) }
```

Border

The CSS property to change the border of an element to Yxy 14.4566, 0.3346, 0.5104 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(71, 118, 41) }
```

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

```
.border{ border-color:rgb(71, 118, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 118, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 118, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 118, 41);  
box-shadow:4px 4px 4px 4px rgb(71, 118,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4566, 0.3346, 0.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 118, 41) }
```

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

```
.background{ background-color: rgb(71, 118,  
41) }
```

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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