

Converting Colors

$Y_{xy}(14.9916, 0.4137, 0.4314)$

Have a look what the booklet for
Yxy(14.9916, 0.4137, 0.4314)
contains.

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Color

Yxy(14.9916, 0.4137, 0.4314)

Conversions

Conversions Part 1

Format	Color
Hex	7E6A34
RGB	126, 106, 52
RGB Percent	49%, 42%, 20%
CMY	0.5059, 0.5843, 0.7961
CMYK	0.00, 0.16, 0.59, 0.51
HSL	44°, 42%, 35%
HSV	44°, 59%, 49%
XYZ	14.3765, 14.9916, 5.3829
YIQ	105.8240, 29.2540, -12.5540

Conversions

Conversions Part 2

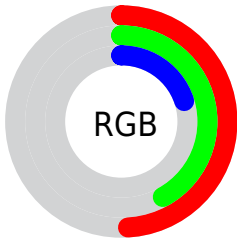
Format	Color
R_{YB}	79, 126, 52
Decimal	8284724
CIE _{Lab}	45.62, 0.79, 32.84
CIE _{LCh}	46, 32.852, 88.623
Yxy	14.9916, 0.4137, 0.4314
Android (android.graphics.Color)	4286474804 (0xFF7E6A34)
YUV	105.8240, -26.5352, 17.6944
Hunter-Lab	38.7190, -1.4805, 18.8605

Details

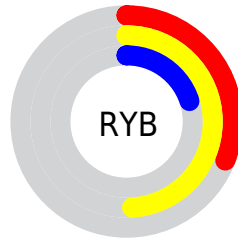
The Yxy color **14.9916, 0.4137, 0.4314** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.8661, 0.2140, 0.1960**, and the grayscale version is **14.4301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8578, 0.3917, 0.4087**, and **4.5947, 0.4502, 0.4685** is the 20% darker color. If you saturate the color by 10%, you get **14.2062, 0.4313, 0.4445**, and if you desaturate by 10%, it is **15.8365, 0.3953, 0.4157**.

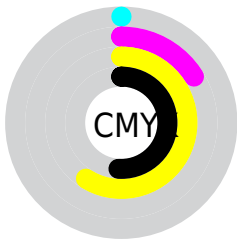
Distribution



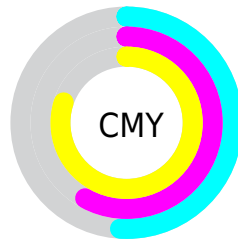
- Red (49%)
- Green (42%)
- Blue (20%)



- Red (31%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (59%)
- Black (51%)





- Cyan (51%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9916, 0.4137, 0.4314 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 14.9916, 0.4137, 0.4314 by changing the saturation by 10% instead.


 14.9916, 0.4137,
0.4314


 14.9916, 0.4137,
0.4314


223.3154, 0.3557,
0.3729


 8.8135, 0.4300,
0.4476


 34.8384, 0.3910,
0.4086


 4.6197, 0.4512,
0.4685

 49.2760, 0.3829,
0.4004

 2.0259, 0.4916,
0.5084

 67.2354, 0.3763,
0.3937

 0.6225, 0.4953,
0.5047

 89.1012, 0.3708,
0.3882

 0.0000, 0.0000,
0.0000

 115.2577, 0.3661,
0.3834

 146.0893, 0.3621,

0.3794

181.9804, 0.3587,
0.3759

■ 14.9916, 0.4137,
0.4314

■ 14.9916, 0.4137,
0.4314

■ 14.2062, 0.4313,
0.4445

■ 15.8365, 0.3953,
0.4157

■ 13.4755, 0.4474,
0.4540

■ 16.7414, 0.3767,
0.3984

■ 12.7969, 0.4612,
0.4593

■ 17.7092, 0.3587,
0.3802

■ 12.1623, 0.4730,
0.4612

■ 18.7420, 0.3416,
0.3619

■ 12.0843, 0.4745,
0.4614

■ 19.8420, 0.3256,
0.3440

■ 21.0110, 0.3109,
0.3269

■ 22.2507, 0.2976,
0.3107

■ 23.5629, 0.2855,
0.2956

■ 24.9492, 0.2746,
0.2817

Harmonies

Analogous

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



14.9916, 0.4442, 0.3876



14.9916, 0.4137, 0.4314



14.9916, 0.3577, 0.4520

Triad

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



14.9916, 0.4137, 0.4314



14.9916, 0.2027, 0.3011



14.9916, 0.3221, 0.2507

Complementary

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



14.9916, 0.4137, 0.4314



6.8661, 0.2140, 0.1960

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.



14.9916, 0.2586, 0.2290



14.9916, 0.4137, 0.4314



14.9916, 0.1957, 0.2514

Square

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



14.9916, 0.4137, 0.4314



14.9916, 0.2365, 0.3698



14.9916, 0.2148, 0.2281



14.9916, 0.3895, 0.2889

Rectangle

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



14.9916, 0.4137, 0.4314



14.9916, 0.3143, 0.4429



14.9916, 0.2148, 0.2281



14.9916, 0.2994, 0.2414

Sweetspot

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



14.9923, 0.4137, 0.4314



33.0562, 0.3411, 0.3613



7.3699, 0.4320, 0.2886



7.4154, 0.3451, 0.3658



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.9923, 0.4137, 0.4314



24.6284, 0.4362, 0.4477



18.4786, 0.3716, 0.4734



4.8292, 0.3262, 0.3447



12.3926, 0.4746, 0.4614



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.8661, 0.2140, 0.1960



9.0121, 0.1930, 0.1619



5.1905, 0.2241, 0.1577



4.3861, 0.2993, 0.3128



2.7138, 0.1606, 0.0980



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.9916, 0.4137, 0.4314 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 14.9916, 0.4137, 0.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

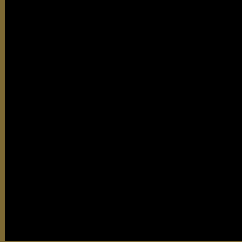
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9916, 0.4137, 0.4314

Background



This preview shows how black text looks on a background with the Yxy color 14.9916, 0.4137, 0.4314.



This preview shows how white text looks on a background with the Yxy color 14.9916, 0.4137, 0.4314.

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

14.9916, 0.4137, 0.4314

Protanopia

14.9752, 0.4014, 0.4371

Deuteranopia

14.9441, 0.4264, 0.4202



Tritanopia

15.0223, 0.3474, 0.3139

Trichromacy



Original Color

14.9916, 0.4137, 0.4314

Protanomaly

14.9100, 0.4054, 0.4341

Deuteranomaly

14.9035, 0.4208, 0.4238

Tritanomaly

14.8745, 0.3731, 0.3565

Monochromacy



Original Color

14.9916, 0.4137, 0.4314

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.4907, 0.3497, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9916, 0.4137, 0.4314 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(126, 106, 52)` looks like.

```
.text, #text, p{  
    color:rgb(126, 106, 52)  
}
```

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(126, 106, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 106, 52) }
```

Border

The CSS property to change the border of an element to Yxy 14.9916, 0.4137, 0.4314 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(126, 106, 52) }
```

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

```
.border{ border-color:rgb(126, 106, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 106, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 106, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 106, 52);  
box-shadow:4px 4px 4px 4px rgb(126, 106,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9916, 0.4137, 0.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 106, 52) }
```

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

```
.background{ background-color: rgb(126,  
106, 52) }
```

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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