

Converting Colors

$Y_{xy}(14.8596, 0.4220, 0.4333)$

Have a look what the booklet for
Yxy(14.8596, 0.4220, 0.4333)
contains.

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Color

Yxy(14.9141, 0.4212, 0.4330)

Conversions

Conversions Part 1

Format	Color
Hex	806931
RGB	128, 105, 49
RGB Percent	50%, 41%, 19%
CMY	0.4981, 0.5882, 0.8078
CMYK	0.00, 0.18, 0.62, 0.50
HSL	43°, 45%, 35%
HSV	43°, 62%, 50%
XYZ	14.5077, 14.9141, 5.0219
YIQ	105.4930, 31.6840, -12.5400

Conversions

Conversions Part 2

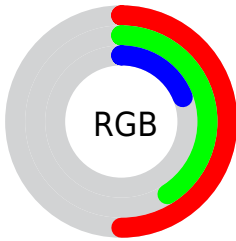
Format	Color
RYB	81, 128, 49
Decimal	8415537
CIELab	45.52, 2.06, 34.34
CIElCh	46, 34.400, 86.574
Yxy	14.9141, 0.4212, 0.4330
Android (android.graphics.Color)	4286605617 (0xFF806931)
YUV	105.4930, -27.8510, 19.7386
Hunter-Lab	38.6188, -0.5269, 19.3232

Details

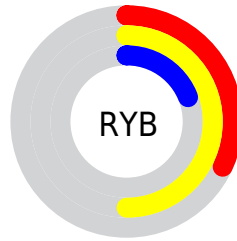
The Yxy color **14.9141, 0.4212, 0.4330** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.8477, 0.2097, 0.1919**, and the grayscale version is **14.3390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7073, 0.3972, 0.4106**, and **4.5648, 0.4621, 0.4688** is the 20% darker color. If you saturate the color by 10%, you get **14.0791, 0.4392, 0.4448**, and if you desaturate by 10%, it is **15.8145, 0.4022, 0.4183**.

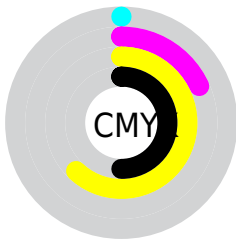
Distribution



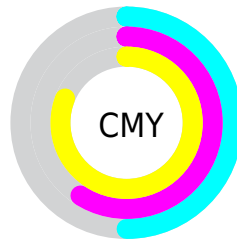
- Red (50%)
- Green (41%)
- Blue (19%)



- Red (32%)
- Yellow (50%)
- Blue (19%)



- Cyan (0%)
- Magenta (18%)
- Yellow (62%)
- Black (50%)





- Cyan (50%)
- Magenta (59%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9141, 0.4212, 0.4330 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 14.9141, 0.4212, 0.4330 by changing the saturation by 10% instead.


 14.9141, 0.4212,
0.4330


 14.9141, 0.4212,
0.4330


222.8457, 0.3590,
0.3741


 8.7591, 0.4385,
0.4488


 34.7024, 0.3969,
0.4103


 4.5844, 0.4616,
0.4693

 49.1045, 0.3882,
0.4021


 2.0055, 0.4986,
0.5014

 67.0245, 0.3811,
0.3953

 0.6107, 0.5080,
0.4920

 88.8467, 0.3752,
0.3897

 0.0000, 0.0000,
0.0000

 114.9555, 0.3702,
0.3849

 145.7354, 0.3659,

0.3808

181.5706, 0.3622,
0.3772

■ 14.9141, 0.4212,
0.4330

■ 14.9141, 0.4212,
0.4330

■ 14.0791, 0.4392,
0.4448

■ 15.8145, 0.4022,
0.4183

■ 13.3043, 0.4555,
0.4527

■ 16.7809, 0.3831,
0.4018

■ 12.5868, 0.4693,
0.4563

■ 17.8166, 0.3645,
0.3842

■ 12.0258, 0.4798,
0.4572

■ 18.9239, 0.3468,
0.3663

■ 20.1051, 0.3303,
0.3487

■ 21.3622, 0.3152,
0.3318

■ 22.6971, 0.3014,
0.3158

■ 24.1119, 0.2889,
0.3008

■ 25.6082, 0.2777,
0.2869

Harmonies

Analogous

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



14.9141, 0.4511, 0.3859



14.9141, 0.4212, 0.4330



14.9141, 0.3637, 0.4579

Triad

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



14.9141, 0.4212, 0.4330



14.9141, 0.1995, 0.3038



14.9141, 0.3174, 0.2453

Complementary

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



14.9141, 0.4212, 0.4330



6.8477, 0.2097, 0.1919

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.



14.9141, 0.2522, 0.2240



14.9141, 0.4212, 0.4330



14.9141, 0.1905, 0.2503

Square

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



14.9141, 0.4212, 0.4330



14.9141, 0.2363, 0.3768



14.9141, 0.2085, 0.2245



14.9141, 0.3888, 0.2838

Rectangle

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



14.9141, 0.4212, 0.4330



14.9141, 0.3186, 0.4510



14.9141, 0.2085, 0.2245



14.9141, 0.2939, 0.2360

Sweetspot

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



14.9148, 0.4212, 0.4330



33.7814, 0.3430, 0.3623



7.2643, 0.4386, 0.2846



7.7934, 0.3471, 0.3666



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



14.9148, 0.4212, 0.4330



24.2327, 0.4460, 0.4485



19.1164, 0.3754, 0.4790



4.8146, 0.3262, 0.3442



11.9281, 0.4798, 0.4572



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.8477, 0.2097, 0.1919



8.8226, 0.1881, 0.1560



4.8742, 0.2169, 0.1476



4.3999, 0.2993, 0.3133



2.8756, 0.1619, 0.1028



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.9141, 0.4212, 0.4330 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 14.9141, 0.4212, 0.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

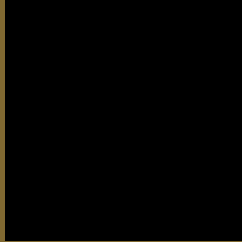
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9141, 0.4212, 0.4330

Background



This preview shows how black text looks on a background with the Yxy color 14.9141, 0.4212, 0.4330.



This preview shows how white text looks on a background with the Yxy color 14.9141, 0.4212, 0.4330.

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

14.9141, 0.4212, 0.4330

Protanopia

14.9485, 0.4047, 0.4421

Deuteranopia

14.9173, 0.4300, 0.4248



Tritanopia

14.9508, 0.3536, 0.3159

Trichromacy



Original Color

14.9141, 0.4212, 0.4330

Protanomaly

14.9566, 0.4103, 0.4383

Deuteranomaly

14.9562, 0.4258, 0.4278

Tritanomaly

14.7885, 0.3812, 0.3601

Monochromacy



Original Color

14.9141, 0.4212, 0.4330

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.2697, 0.3515, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9141, 0.4212, 0.4330 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(128, 105, 49)` looks like.

```
.text, #text, p{  
    color:rgb(128, 105, 49)  
}
```

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(128, 105, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 105, 49) }
```

Border

The CSS property to change the border of an element to Yxy 14.9141, 0.4212, 0.4330 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(128, 105, 49) }
```

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

```
.border{ border-color:rgb(128, 105, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 105, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 105, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 105, 49);  
box-shadow:4px 4px 4px 4px rgb(128, 105,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9141, 0.4212, 0.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 105, 49) }
```

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

```
.background{ background-color: rgb(128,  
105, 49) }
```

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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