

Converting Colors

$Y_{xy}(14.5276, 0.3939, 0.4435)$

Have a look what the booklet for
Yxy(14.5276, 0.3939, 0.4435)
contains.

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Color

Yxy(14.5505, 0.3934, 0.4430)

Conversions

Conversions Part 1

Format	Color
Hex	726C34
RGB	114, 108, 52
RGB Percent	45%, 42%, 20%
CMY	0.5529, 0.5765, 0.7962
CMYK	0.00, 0.05, 0.54, 0.55
HSL	54°, 37%, 33%
HSV	54°, 54%, 45%
XYZ	12.9214, 14.5505, 5.3735
YIQ	103.4100, 21.5520, -16.1440

Conversions

Conversions Part 2

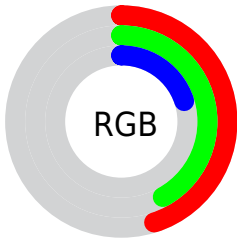
Format	Color
RYB	59, 114, 52
Decimal	7498804
CIELab	45.01, -5.89, 31.83
CIELCh	45, 32.373, 100.481
Yxy	14.5505, 0.3934, 0.4430
Android (android.graphics.Color)	4285688884 (0xFF726C34)
YUV	103.4100, -25.3451, 9.2874
Hunter-Lab	38.1451, -6.2884, 18.3494

Details

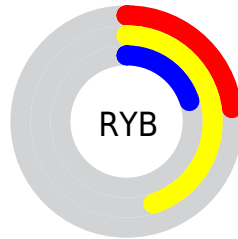
The Yxy color **14.5505, 0.3934, 0.4430** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.9677, 0.2169, 0.1807**, and the grayscale version is **13.7420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9319, 0.3756, 0.4160**, and **4.4384, 0.4211, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **14.2296, 0.4064, 0.4597**, and if you desaturate by 10%, it is **14.9005, 0.3790, 0.4238**.

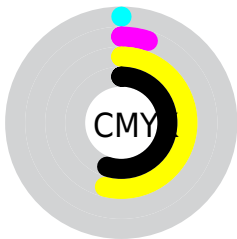
Distribution



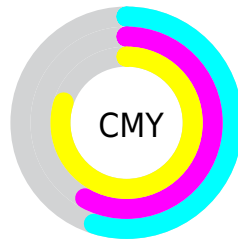
- Red (45%)
- Green (42%)
- Blue (20%)



- Red (23%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (5%)
- Yellow (54%)
- Black (55%)





- Cyan (55%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5505, 0.3934, 0.4430 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 14.5505, 0.3934, 0.4430 by changing the saturation by 10% instead.


 14.5505, 0.3934,
0.4430

 14.5505, 0.3934,
0.4430


 220.6291, 0.3476,
0.3758


 8.5045, 0.4058,
0.4632


 34.0627, 0.3756,
0.4159


 4.4194, 0.4215,
0.4909

 48.2977, 0.3693,
0.4065


 1.9109, 0.4536,
0.5464

 66.0311, 0.3640,
0.3989

 0.5549, 0.4088,
0.5912

 87.6474, 0.3596,
0.3927

 0.0000, 0.0000,
0.0000

 113.5310, 0.3559,
0.3874

 144.0662, 0.3527,

0.3829

179.6375, 0.3500,
0.3791

■ 14.5505, 0.3934,
0.4430

■ 14.5505, 0.3934,
0.4430

■ 14.2296, 0.4064,
0.4597

■ 14.9005, 0.3790,
0.4238

■ 13.9340, 0.4176,
0.4732

■ 15.2792, 0.3639,
0.4030

■ 13.6622, 0.4265,
0.4829

■ 15.6888, 0.3486,
0.3813

■ 13.4110, 0.4331,
0.4887

■ 16.1307, 0.3335,
0.3595

■ 13.2740, 0.4365,
0.4916

■ 16.6063, 0.3189,
0.3382

■ 17.1166, 0.3051,
0.3177

■ 17.6630, 0.2922,
0.2983

■ 18.2465, 0.2803,
0.2802

■ 18.8681, 0.2694,
0.2635

Harmonies

Analogous

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



14.5505, 0.4356, 0.4061



14.5505, 0.3934, 0.4430



14.5505, 0.3320, 0.4485

Triad

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



14.5505, 0.3934, 0.4430



14.5505, 0.1972, 0.2787



14.5505, 0.3494, 0.2644

Complementary

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



14.5505, 0.3934, 0.4430



4.9677, 0.2169, 0.1807

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.



14.5505, 0.2821, 0.2357



14.5505, 0.3934, 0.4430



14.5505, 0.2007, 0.2395

Square

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



14.5505, 0.3934, 0.4430



14.5505, 0.2205, 0.3416



14.5505, 0.2297, 0.2261



14.5505, 0.4114, 0.3072

Rectangle

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



14.5505, 0.3934, 0.4430



14.5505, 0.2890, 0.4271



14.5505, 0.2297, 0.2261



14.5505, 0.3263, 0.2530

Sweetspot

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



14.5512, 0.3934, 0.4430



28.1864, 0.3365, 0.3638



6.3387, 0.4456, 0.3161



6.4907, 0.3388, 0.3672



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.5512, 0.3934, 0.4430



24.8843, 0.4091, 0.4631



14.4155, 0.3515, 0.4703



3.8638, 0.3255, 0.3478



14.7636, 0.4366, 0.4915



72.8496, 0.4377, 0.4907

Inverse Universe

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



4.9677, 0.2169, 0.1807



6.2024, 0.1941, 0.1431



5.2378, 0.2512, 0.1801



3.3476, 0.2996, 0.3094



1.6054, 0.1528, 0.0699



7.3865, 0.1514, 0.0652

Previews

White Background



This preview shows how the Yxy color 14.5505, 0.3934, 0.4430 looks on a white background.

Color Contrast Check

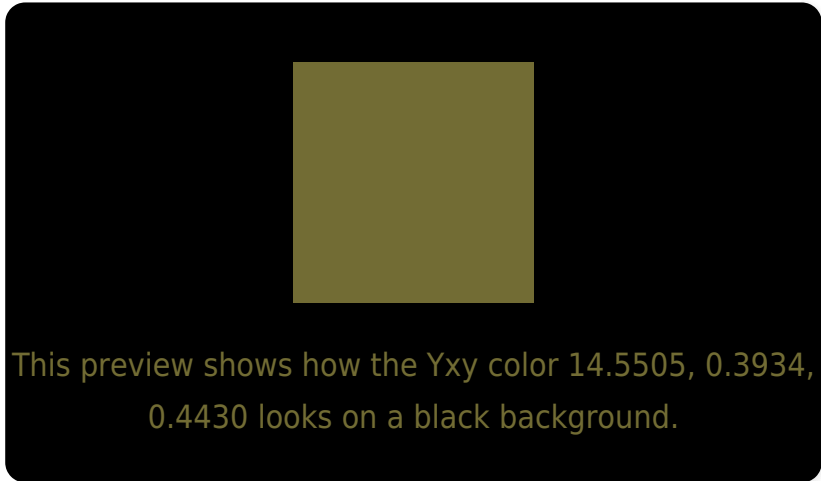
Large Text (above 18pt) WCAG AA ✓ Pass

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

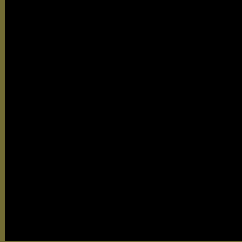
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5505, 0.3934, 0.4430

Background



This preview shows how black text looks on a background with the Yxy color 14.5505, 0.3934, 0.4430.



This preview shows how white text looks on a background with the Yxy color 14.5505, 0.3934, 0.4430.

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

14.5505, 0.3934, 0.4430

Protanopia

14.6149, 0.4005, 0.4385

Deuteranopia

14.3990, 0.4246, 0.4165



Tritanopia

14.6216, 0.3279, 0.3131

Trichromacy



Original Color

14.5505, 0.3934, 0.4430

Protanomaly

14.5452, 0.3990, 0.4392

Deuteranomaly

14.5176, 0.4133, 0.4270

Tritanomaly

14.4734, 0.3539, 0.3601

Monochromacy



Original Color

14.5505, 0.3934, 0.4430

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.8690, 0.3439, 0.3751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5505, 0.3934, 0.4430 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(114, 108, 52)` looks like.

```
.text, #text, p{  
    color:rgb(114, 108, 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(114, 108, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 108, 52) }
```

Border

The CSS property to change the border of an element to Yxy 14.5505, 0.3934, 0.4430 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(114, 108, 52) }
```

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

```
.border{ border-color:rgb(114, 108, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 108, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 108, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 108, 52);  
box-shadow:4px 4px 4px 4px rgb(114, 108,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5505, 0.3934, 0.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 108, 52) }
```

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

```
.background{ background-color: rgb(114,  
108, 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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