

Converting Colors

YUV(115.7330, -22.0534,
-19.9368)

Have a look what the booklet for
YUV(115.7330, -22.0534, -19.9368)
contains.

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Color

**YUV(115.7330, -22.0534,
-19.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8847
RGB	93, 136, 71
RGB Percent	36%, 53%, 28%
CMY	0.6353, 0.4667, 0.7216
CMYK	0.32, 0.00, 0.48, 0.47
HSL	100°, 31%, 41%
HSV	100°, 48%, 53%
XYZ	14.4557, 20.3904, 9.1351
YIQ	115.7330, -4.7630, -29.3310

Conversions

Conversions Part 2

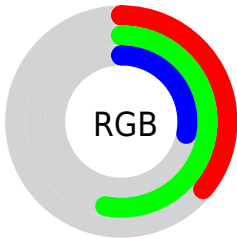
Format	Color
R_{YB}	71, 136, 114
Decimal	6129735
CIE _{Lab}	52.28, -27.40, 30.16
CIE _{LCh}	52, 40.749, 132.252
Yxy	20.3904, 0.3287, 0.4636
Android (android.graphics.Color)	4284319815 (0xFF5D8847)
YUV	115.7330, -22.0534, -19.9368
Hunter-Lab	45.1557, -21.8794, 19.6145

Details

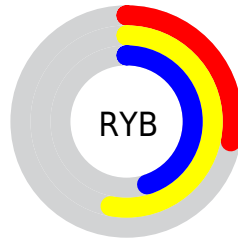
The YUV color **115.7330, -22.0534, -19.9368** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **91.2670, 22.0534, 19.9368**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6790, -23.5057, -20.7665**, and **66.0750, -20.7430, -20.2368** is the 20% darker color. If you saturate the color by 10%, you get **111.4460, -26.8419, -24.0701**, and if you desaturate by 10%, it is **120.0200, -17.2649, -15.8035**.

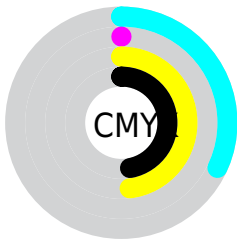
Distribution



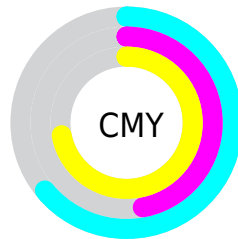
- Red (36%)
- Green (53%)
- Blue (28%)



- Red (28%)
- Yellow (53%)
- Blue (45%)



- Cyan (32%)
- Magenta (0%)
- Yellow (48%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7330, -22.0534, -19.9368 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 YUV color 115.7330, -22.0534, -19.9368 by changing the saturation by 10% instead.

■ 115.7330,
-22.0534, -19.9368

■ 115.7330,
-22.0534, -19.9368

■ 255.0000, 0.0000,
0.0000

■ 90.2600, -21.3272,
-19.5220

■ 168.6790,
-23.5057, -20.7665

■ 66.0750, -20.7430,
-20.2368

■ 196.1520,
-24.2319, -21.1813

■ 41.7760, -20.5956,
-20.8516

■ 224.0380,
-24.6687, -21.0813

■ 23.4800, -11.5756,
-20.5920

■ 241.0700,
-19.7545, -10.5854

■ 8.8050, -4.3409,
-7.7220

■ 252.1500,
-10.9200, 2.4994

■ 0.0000, 0.0000,
0.0000

■ 115.7330,
-22.0534, -19.9368

■ 115.7330,
-22.0534, -19.9368

■ 111.4460,
-26.8419, -24.0701

■ 120.0200,
-17.2649, -15.8035

■ 107.2730,
-31.1936, -28.3034

■ 124.1930,
-12.9131, -11.5703

■ 102.9860,
-35.9821, -32.4367

■ 128.4800, -8.1246,
-7.4370

■ 98.8130, -40.3338,
-36.6700

■ 132.6530, -3.7729,
-3.2037

■ 94.5260, -45.1223,
-40.8033

■ 136.9400, 1.0156,
0.9296

■ 93.5860, -46.1379,
-41.7329

■ 141.2270, 5.8041,
5.0629

■ 145.4000, 10.1558,
9.2962

■ 149.6870, 14.9443,

13.4295

■ 153.8600, 19.2960,
17.6628

Harmonies

Analogous

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



119.8740, -32.4759, 9.7575



115.7330, -22.0534, -19.9368



105.4580, -1.7048, -60.0377

Triad

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



115.7330, -22.0534, -19.9368



100.4320, 44.6500, -88.0789



125.3430, -6.5781, 56.7042

Complementary

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



115.7330, -22.0534, -19.9368



91.2670, 22.0534, 19.9368

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.



127.5060, 9.6105, 44.2832



115.7330, -22.0534, -19.9368



121.7110, 35.1455, -26.0565

Square

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



115.7330, -22.0534, -19.9368



101.6740, 34.1777, -89.1681



128.4020, 23.9588, 15.4334



124.4830, -22.4231, 52.1964

Rectangle

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



115.7330, -22.0534, -19.9368



97.7180, 13.9430, -85.6987



128.4020, 23.9588, 15.4334



126.2980, -1.6259, 54.9897

Sweetspot

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



115.7330, -22.0534, -19.9368



168.3660, -8.5614, -7.3370



115.0890, -21.7359, 18.3389



84.3000, -5.0779, -4.6481



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



115.7330, -22.0534, -19.9368



144.8660, -33.9509, -30.5775



110.2950, -14.4424, -34.4617



66.7070, -2.3206, -2.3740



91.5260, -45.1223, -40.8033



3.5330, -1.7418, -1.3444

Inverse Universe

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



91.2670, 22.0534, 19.9368



107.1340, 33.9509, 30.5775



96.7050, 14.4424, 34.4617



64.2930, 2.3206, 2.3740



41.4740, 45.1223, 40.8033



1.4670, 1.7418, 1.3444

Previews

White Background



This preview shows how the YUV color 115.7330, -22.0534, -19.9368 looks on a white 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

Black Background



This preview shows how the YUV color 115.7330, -22.0534, -19.9368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

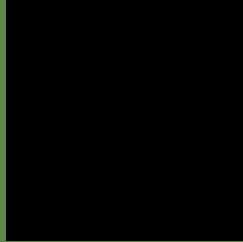
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.7330, -22.0534, -19.9368 Background



This preview shows how black text looks on a background with the YUV color 115.7330, -22.0534, -19.9368.



This preview shows how white text looks on a background with the YUV color 115.7330, -22.0534, -19.9368.

-19.9368.

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

115.7330, -22.0534, -19.9368

Protanopia

121.3890, -26.8138, 13.6908

Deuteranopia

123.5520, -23.9361, 24.0719



Tritanopia

122.0780, 8.3425, -15.8544

Trichromacy



Original Color

115.7330, -22.0534, -19.9368

Protanomaly

119.0670, -25.1760, 1.6952

Deuteranomaly

120.6810, -23.0137, 8.1728

Tritanomaly

119.7930, -2.8559, -17.3585

Monochromacy



Original Color

115.7330, -22.0534, -19.9368

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8930, -7.8352, -6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7330, -22.0534, -19.9368 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(93, 136, 71)` looks like.

```
.text, #text, p{  
    color:rgb(93, 136, 71)  
}
```

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(93, 136, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 136, 71) }
```

Border

The CSS property to change the border of an element to YUV 115.7330, -22.0534, -19.9368 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(93, 136, 71) }
```


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

```
.border{ border-color:rgb(93, 136, 71) }
```

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

Here you see how a box with a 4 pixel rgb(93, 136, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 136, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 136, 71);  
box-shadow:4px 4px 4px 4px rgb(93, 136,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 115.7330, -22.0534, -19.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 136, 71) }
```

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

```
.background{ background-color: rgb(93, 136,  
71) }
```

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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