

Converting Colors

YUV(155.3550, -45.5310,
-2.9423)

Have a look what the booklet for
YUV(155.3550, -45.5310, -2.9423)
contains.

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Color

**YUV(155.3550, -45.5310,
-2.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	98AF3F
RGB	152, 175, 63
RGB Percent	60%, 69%, 25%
CMY	0.4039, 0.3137, 0.7529
CMYK	0.13, 0.00, 0.64, 0.31
HSL	72°, 47%, 47%
HSV	72°, 64%, 69%
XYZ	29.1761, 37.6942, 10.4406
YIQ	155.3550, 22.2440, -39.7080

Conversions

Conversions Part 2

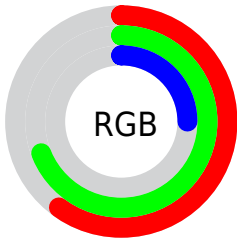
Format	Color
RYB	63, 175, 86
Decimal	10006335
CIELab	67.79, -23.90, 52.93
CIELCh	68, 58.076, 114.298
Yxy	37.6942, 0.3774, 0.4876
Android (android.graphics.Color)	4288196415 (0xFF98AF3F)
YUV	155.3550, -45.5310, -2.9423
Hunter-Lab	61.3956, -22.6166, 32.8944

Details

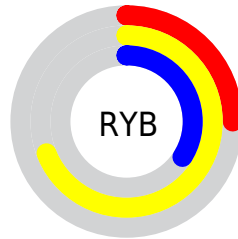
The YUV color **155.3550, -45.5310, -2.9423** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **82.6450, 45.5310, 2.9423**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3120, -46.9888, -2.0276**, and **101.5030, -50.0410, -3.0721** is the 20% darker color. If you saturate the color by 10%, you get **152.2210, -52.3670, -3.7018**, and if you desaturate by 10%, it is **158.6030, -38.2583, -2.2828**.

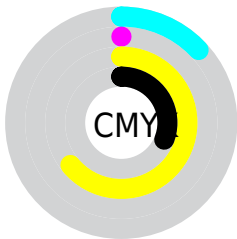
Distribution



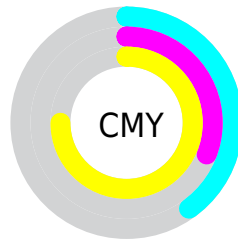
- Red (60%)
- Green (69%)
- Blue (25%)



- Red (25%)
- Yellow (69%)
- Blue (34%)



- Cyan (13%)
- Magenta (0%)
- Yellow (64%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3550, -45.5310, -2.9423 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 155.3550, -45.5310, -2.9423 by changing the saturation by 10% instead.

■ 155.3550,
-45.5310, -2.9423

■ 155.3550,
-45.5310, -2.9423

■ 255.0000, 0.0000,
0.0000

■ 128.3550,
-45.5310, -2.9423

■ 211.3120,
-46.9888, -2.0276

■ 101.5030,
-50.0410, -3.0721

■ 237.1490,
-46.4155, 0.7463

■ 79.0540, -38.9736,
-6.1864

■ 245.3100,
-37.1278, 8.4981

■ 57.1920, -28.1957,
-9.8154

■ 248.5020,
-24.8975, 5.6987

■ 35.6180, -17.5597,
-14.5740

■ 251.8080,
-12.2303, 2.7994

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 155.3550,
-45.5310, -2.9423

■ 155.3550,
-45.5310, -2.9423

■ 152.2210,
-52.3670, -3.7018

■ 158.6030,
-38.2583, -2.2828

■ 149.2720,
-59.7871, -3.7465

■ 161.4380,
-31.2749, -2.1381

■ 146.1380,
-66.6230, -4.5060

■ 164.5720,
-24.4390, -1.3786

■ 144.2860,
-71.1330, -4.6358

■ 167.5210,
-17.0189, -1.3339

■ 170.7690, -9.7461,
-0.6744

■ 173.9030, -2.9102,
0.0851

■ 176.8520, 4.5100,
0.1298

■ 179.9860, 11.3459,
0.8893

■ 182.9350, 18.7660,
0.9340

Harmonies

Analogous

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



160.3000, -51.9129, 37.4479



155.3550, -45.5310, -2.9423



145.5240, -21.9503, -53.0795

Triad

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



155.3550, -45.5310, -2.9423



137.5680, 54.9360, -120.6471



166.2760, 5.2869, 77.8109

Complementary

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



155.3550, -45.5310, -2.9423



82.6450, 45.5310, 2.9423

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.



170.3160, 27.9452, 43.5729



155.3550, -45.5310, -2.9423



131.2080, 61.0295, -115.0694

Square

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



155.3550, -45.5310, -2.9423



135.7150, 35.1435, -119.0221



164.9050, 44.4168, -13.0717



162.1090, -18.2947, 81.4654

Rectangle

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



155.3550, -45.5310, -2.9423



126.3330, 4.2728, -110.7940



164.9050, 44.4168, -13.0717



167.6970, 13.4604, 69.5487

Sweetspot

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



155.3550, -45.5310, -2.9423



219.4070, -17.4557, -1.2339



109.4020, -22.8762, 57.5294



110.1280, -10.9091, -0.9893



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



155.3550, -45.5310, -2.9423



196.2860, -71.1330, -4.6358



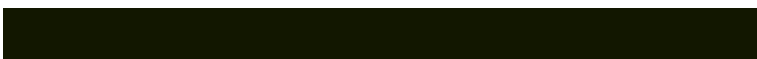
138.9100, -37.4236, -36.7551



85.3760, -3.6364, -0.3298



123.9300, -61.0975, -3.4466



18.8830, -9.3093, -0.7744

Inverse Universe

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



82.6450, 45.5310, 2.9423



82.7140, 71.1330, 4.6358



99.0900, 37.4236, 36.7551



79.6240, 3.6364, 0.3298



26.3690, 60.9501, 4.0614



4.1170, 9.3093, 0.7744

Previews

White Background



This preview shows how the YUV color 155.3550, -45.5310, -2.9423 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 155.3550, -45.5310, -2.9423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

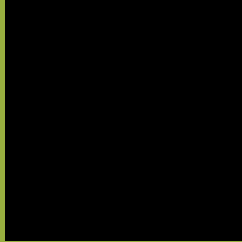
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.3550, -45.5310, -2.9423

Background



This preview shows how black text looks on a background with the YUV color 155.3550, -45.5310, -2.9423.



This preview shows how white text looks on a background with the YUV color 155.3550, -45.5310, -2.9423.

-2.9423.

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

155.3550, -45.5310, -2.9423

Protanopia

158.7110, -48.6645, 22.1785

Deuteranopia

161.3200, -45.5138, 38.3074



Tritanopia

165.4820, 5.6784, -1.2997

Trichromacy



Original Color

155.3550, -45.5310, -2.9423

Protanomaly

157.5850, -47.6164, 12.6420

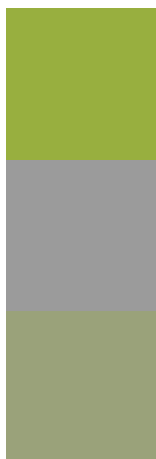
Deuteranomaly

159.5200, -45.6124, 23.2230

Tritanomaly

161.9600, -12.7983, -1.7189

Monochromacy



Original Color

155.3550, -45.5310, -2.9423

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0480, -16.2927, -0.9191

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3550, -45.5310, -2.9423 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(152, 175, 63)` looks like.

```
.text, #text, p{  
    color:rgb(152, 175, 63)  
}
```

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(152, 175, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 175, 63) }
```

Border

The CSS property to change the border of an element to YUV 155.3550, -45.5310, -2.9423 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(152, 175, 63) }
```


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

```
.border{ border-color:rgb(152, 175, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 175, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 175, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 175, 63);  
box-shadow:4px 4px 4px 4px rgb(152, 175,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 155.3550, -45.5310, -2.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 175, 63) }
```

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

```
.background{ background-color: rgb(152,  
175, 63) }
```

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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