

Converting Colors

YUV(113.3990, -39.1437,
-45.0769)

Have a look what the booklet for
YUV(113.3990, -39.1437, -45.0769)
contains.

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Color

**YUV(113.3990, -39.1437,
-45.0769)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9B22
RGB	62, 155, 34
RGB Percent	24%, 61%, 13%
CMY	0.7569, 0.3922, 0.8667
CMYK	0.60, 0.00, 0.78, 0.39
HSL	106°, 64%, 37%
HSV	106°, 78%, 61%
XYZ	13.9967, 24.5823, 5.5205
YIQ	113.3990, -16.5870, -57.3470

Conversions

Conversions Part 2

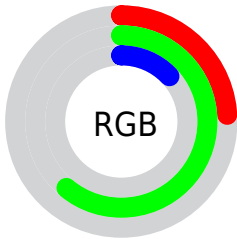
Format	Color
RYB	34, 155, 127
Decimal	4102946
CIELab	56.67, -49.18, 51.26
CIELCh	57, 71.038, 133.811
Yxy	24.5823, 0.3174, 0.5574
Android (android.graphics.Color)	4282293026 (0xFF3E9B22)
YUV	113.3990, -39.1437, -45.0769
Hunter-Lab	49.5806, -36.3751, 28.1048

Details

The YUV color **113.3990, -39.1437, -45.0769** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **75.6010, 39.1437, 45.0769**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1820, -40.0227, -43.1326**, and **60.4610, -29.8073, -53.0243** is the 20% darker color. If you saturate the color by 10%, you get **108.1010, -43.9268, -50.9546**, and if you desaturate by 10%, it is **118.6970, -34.3606, -39.1993**.

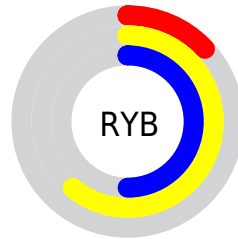
Distribution



Red (24%)

Green (61%)

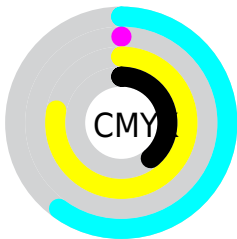
Blue (13%)



Red (13%)

Yellow (61%)

Blue (50%)

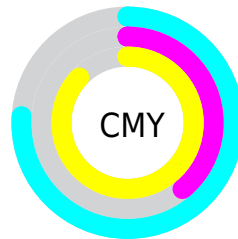


Cyan (60%)

Magenta (0%)

Yellow (78%)

Black (39%)



Cyan (76%)

Magenta (39%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3990, -39.1437, -45.0769 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 113.3990, -39.1437, -45.0769 by changing the saturation by 10% instead.

■ 113.3990,
-39.1437, -45.0769

■ 113.3990,
-39.1437, -45.0769

■ 255.0000, 0.0000,
0.0000

■ 83.2090, -41.0220,
-49.2953

■ 169.1820,
-40.0227, -43.1326

■ 60.4610, -29.8073,
-53.0243

■ 197.9540,
-40.8963, -42.9327

■ 45.7860, -22.5725,
-40.1543

■ 218.7960,
-37.8604, -36.6551

■ 31.6980, -15.6271,
-27.7991

■ 230.8440,
-30.4891, -20.9112

■ 18.1970, -8.9711,
-15.9588

■ 242.7070,
-22.5336, -5.8820

■ 0.0000, 0.0000,
0.0000

■ 251.6940,

-12.6671, 2.8994

■ 113.3990,
-39.1437, -45.0769

■ 113.3990,
-39.1437, -45.0769

■ 108.1010,
-43.9268, -50.9546

■ 118.6970,
-34.3606, -39.1993

■ 102.6890,
-49.1467, -56.7323

■ 124.1090,
-29.1407, -33.4216

■ 101.7490,
-50.1623, -57.6619

■ 129.4070,
-24.3577, -27.5439

■ 134.8190,
-19.1378, -21.7663

■ 140.1170,
-14.3547, -15.8886

■ 145.2300, -8.9874,
-10.7257

■ 150.6420, -3.7675,
-4.9480

■ 155.9400, 1.0156,
0.9296

■ 161.2380, 5.7987,
6.8073

Harmonies

Analogous

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



124.3170, -61.2883, 11.1230



113.3990, -39.1437, -45.0769



106.3800, -3.6383, -93.2953

Triad

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



113.3990, -39.1437, -45.0769



118.2940, 67.3961, -103.7438



125.7110, -7.7455, 104.6165

Complementary

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



113.3990, -39.1437, -45.0769



75.6010, 39.1437, 45.0769

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.



132.1040, 19.6687, 84.9778



113.3990, -39.1437, -45.0769



116.1000, 68.4777, -77.2637

Square

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



113.3990, -39.1437, -45.0769



119.7010, 49.9404, -104.9778



139.4250, 42.6815, 30.3223



128.4030, -37.6667, 88.2236

Rectangle

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



113.3990, -39.1437, -45.0769



111.8690, 14.8546, -98.1091



139.4250, 42.6815, 30.3223



125.7460, 2.5902, 102.8318

Sweetspot

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



113.3990, -39.1437, -45.0769



185.2910, -14.9335, -16.9182



124.7700, -44.7496, 26.5117



92.1160, -9.4242, -10.6257



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



113.3990, -39.1437, -45.0769



136.0990, -61.1808, -70.2468



108.6750, -21.0388, -65.4900



74.2940, -2.6099, -2.8888



91.7480, -45.2318, -52.3990



8.5280, -4.2043, -4.8481

Inverse Universe

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



75.6010, 39.1437, 45.0769



77.2000, 61.0334, 70.8616



80.3250, 21.0388, 65.4900



71.7060, 2.6099, 2.8888



48.2520, 45.2318, 52.3990



4.4720, 4.2043, 4.8481

Previews

White Background



This preview shows how the YUV color 113.3990, -39.1437, -45.0769 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 113.3990, -39.1437, -45.0769 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 113.3990, -39.1437, -45.0769 Background



This preview shows how black text looks on a background with the YUV color 113.3990, -39.1437, -45.0769.



This preview shows how white text looks on a background with the YUV color 113.3990, -39.1437, -45.0769.

-45.0769.

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

113.3990, -39.1437, -45.0769

Protanopia

127.9990, -48.8065, 21.0489

Deuteranopia

130.9110, -41.8611, 33.4041



Tritanopia

128.3250, 13.6438, -36.2420

Trichromacy



Original Color

113.3990, -39.1437, -45.0769

Protanomaly

122.4690, -45.0942, -3.0423

Deuteranomaly

124.6640, -40.7534, 4.6797

Tritanomaly

122.9660, -5.4062, -39.4352

Monochromacy



Original Color

113.3990, -39.1437, -45.0769

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8180, -14.2073, -16.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3990, -39.1437, -45.0769 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(62, 155, 34)` looks like.

```
.text, #text, p{  
    color:rgb(62, 155, 34)  
}
```

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(62, 155, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 155, 34) }
```

Border

The CSS property to change the border of an element to YUV 113.3990, -39.1437, -45.0769 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(62, 155, 34) }
```


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

```
.border{ border-color:rgb(62, 155, 34) }
```

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

Here you see how a box with a 4 pixel rgb(62, 155, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 155, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 155, 34);  
box-shadow:4px 4px 4px 4px rgb(62, 155,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 113.3990, -39.1437, -45.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 155, 34) }
```

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

```
.background{ background-color: rgb(62, 155,  
34) }
```

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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