

Converting Colors

YUV(139.5540, -40.6991,
-12.7639)

Have a look what the booklet for
YUV(139.5540, -40.6991, -12.7639)
contains.

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Color

**YUV(139.5540, -40.6991,
-12.7639)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA339
RGB	125, 163, 57
RGB Percent	49%, 64%, 22%
CMY	0.5098, 0.3608, 0.7765
CMYK	0.23, 0.00, 0.65, 0.36
HSL	82°, 48%, 43%
HSV	82°, 65%, 64%
XYZ	22.2932, 30.8498, 8.6505
YIQ	139.5540, 11.3780, -41.0220

Conversions

Conversions Part 2

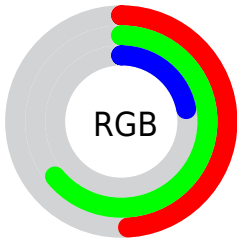
Format	Color
RYB	57, 163, 95
Decimal	8233785
CIELab	62.38, -29.49, 49.16
CIELCh	62, 57.330, 120.963
Yxy	30.8498, 0.3608, 0.4992
Android (android.graphics.Color)	4286423865 (0xFF7DA339)
YUV	139.5540, -40.6991, -12.7639
Hunter-Lab	55.5426, -25.5548, 29.6456

Details

The YUV color **139.5540, -40.6991, -12.7639** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **80.4460, 40.6991, 12.7639**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2120, -42.0095, -12.4639**, and **86.6850, -42.7357, -12.8787** is the 20% darker color. If you saturate the color by 10%, you get **135.9360, -46.8034, -14.8529**, and if you desaturate by 10%, it is **143.1720, -34.5948, -10.6748**.

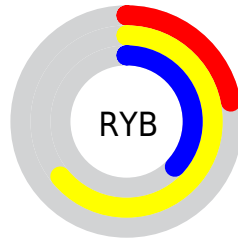
Distribution



Red (49%)

Green (64%)

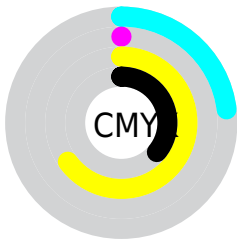
Blue (22%)



Red (22%)

Yellow (64%)

Blue (37%)

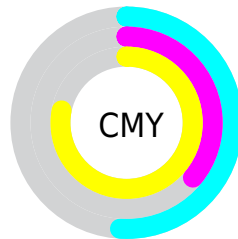


Cyan (23%)

Magenta (0%)

Yellow (65%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.5540, -40.6991, -12.7639 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 139.5540, -40.6991, -12.7639 by changing the saturation by 10% instead.

■ 139.5540,
-40.6991, -12.7639

■ 139.5540,
-40.6991, -12.7639

■ 255.0000, 0.0000,
0.0000

■ 113.1410,
-40.9885, -13.2787

■ 194.2120,
-42.0095, -12.4639

■ 86.6850, -42.7357,
-12.8787

■ 222.9840,
-42.8831, -12.2640

■ 64.2360, -31.6683,
-15.9930

■ 239.4290,
-37.6795, -1.2532

■ 42.3630, -20.8850,
-21.3664

■ 247.7040,
-27.9551, 6.3986

■ 24.0670, -11.8650,
-21.1068

■ 250.8960,
-15.7247, 3.5992

■ 8.8050, -4.3409,
-7.7220

■ 254.2020, -3.0576,

■ 0.0000, 0.0000,

0.6998

0.0000

■ 139.5540,
-40.6991, -12.7639

■ 139.5540,
-40.6991, -12.7639

■ 135.9360,
-46.8034, -14.8529

■ 143.1720,
-34.5948, -10.6748

■ 132.2040,
-53.3446, -16.8419

■ 146.9040,
-28.0537, -8.6858

■ 128.5860,
-59.4489, -18.9309

■ 150.5220,
-21.9493, -6.5968

■ 127.0760,
-62.6485, -19.3607

■ 153.8410,
-15.6976, -5.1226

■ 157.5730, -9.1565,
-3.1335

■ 161.1910, -3.0522,
-1.0445

■ 164.8090, 3.0522,
1.0445

■ 168.4270, 9.1565,
3.1335

■ 172.1590, 15.6976,
5.1226

Harmonies

Analogous

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



144.6470, -51.5910, 27.4966



139.5540, -40.6991, -12.7639



126.3030, -13.4604, -69.5487

Triad

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



139.5540, -40.6991, -12.7639



126.4490, 55.4876, -110.8958



150.3210, 0.3347, 79.5255

Complementary

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



139.5540, -40.6991, -12.7639



80.4460, 40.6991, 12.7639

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.



154.4050, 22.9713, 52.2648



139.5540, -40.6991, -12.7639



120.7130, 65.2175, -104.9883

Square

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



139.5540, -40.6991, -12.7639



125.7530, 37.5898, -110.2854



153.5970, 41.6107, 0.3534



148.4310, -23.3835, 80.3060

Rectangle

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



139.5540, -40.6991, -12.7639



117.8870, 7.4507, -103.3869



153.5970, 41.6107, 0.3534



151.9380, 7.9186, 73.7224

Sweetspot

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



139.5540, -40.6991, -12.7639



202.3140, -16.4238, -5.5374



110.4130, -26.3326, 46.1188



101.3450, -10.0301, -2.9336



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



139.5540, -40.6991, -12.7639



175.2500, -63.2272, -20.3903



124.0060, -33.0340, -44.7323



80.0770, -3.4890, -0.9445



112.9220, -55.6705, -17.4716



13.8550, -6.8305, -2.5038

Inverse Universe

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



80.4460, 40.6991, 12.7639



83.4510, 63.3747, 19.7755



95.9940, 33.0340, 44.7323



74.9230, 3.4890, 0.9445



32.0780, 55.6705, 17.4716



3.8460, 6.9779, 1.8891

Previews

White Background



This preview shows how the YUV color 139.5540, -40.6991, -12.7639 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 139.5540, -40.6991, -12.7639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

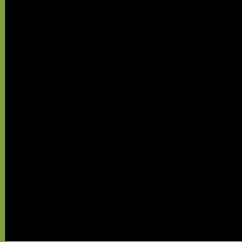
Any Text WCAG AA ✓ Pass

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 139.5540, -40.6991, -12.7639 Background



This preview shows how black text looks on a background with the YUV color 139.5540, -40.6991, -12.7639.



This preview shows how white text looks on a background with the YUV color 139.5540, -40.6991, -12.7639.

-12.7639.

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

139.5540, -40.6991, -12.7639

Protanopia

145.0250, -44.8753, 20.1491

Deuteranopia

147.0360, -41.4297, 35.0484



Tritanopia

149.2960, 7.7421, -9.9066

Trichromacy



Original Color

139.5540, -40.6991, -12.7639

Protanomaly

142.7030, -43.2376, 8.1535

Deuteranomaly

144.0400, -40.9387, 17.5049

Tritanomaly

145.7030, -9.7136, -11.1405

Monochromacy



Original Color

139.5540, -40.6991, -12.7639

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7810, -14.6820, -4.1929

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.5540, -40.6991, -12.7639 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(125, 163, 57)` looks like.

```
.text, #text, p{  
    color:rgb(125, 163, 57)  
}
```

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(125, 163, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 163, 57) }
```

Border

The CSS property to change the border of an element to YUV 139.5540, -40.6991, -12.7639 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(125, 163, 57) }
```


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

```
.border{ border-color:rgb(125, 163, 57) }
```

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

Here you see how a box with a 4 pixel rgb(125, 163, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 163, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 163, 57);  
box-shadow:4px 4px 4px 4px rgb(125, 163,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 139.5540, -40.6991, -12.7639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 163, 57) }
```

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

```
.background{ background-color: rgb(125,  
163, 57) }
```

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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