

Converting Colors

YUV(153.8280, -39.3552,
22.9528)

Have a look what the booklet for
YUV(153.8280, -39.3552, 22.9528)
contains.

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Color

**YUV(153.8280, -39.3552,
22.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	B49C4A
RGB	180, 156, 74
RGB Percent	71%, 61%, 29%
CMY	0.2941, 0.3882, 0.7098
CMYK	0.00, 0.13, 0.59, 0.29
HSL	46°, 42%, 50%
HSV	46°, 59%, 71%
XYZ	31.9469, 33.9746, 11.3525
YIQ	153.8280, 40.6260, -20.4140

Conversions

Conversions Part 2

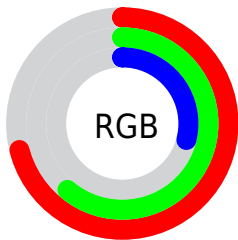
Format	Color
RYB	105, 180, 74
Decimal	11836490
CIELab	64.94, -1.25, 45.42
CIELCh	65, 45.440, 91.572
Yxy	33.9746, 0.4134, 0.4397
Android (android.graphics.Color)	4290026570 (0xFFB49C4A)
YUV	153.8280, -39.3552, 22.9528
Hunter-Lab	58.2878, -4.1697, 29.2537

Details

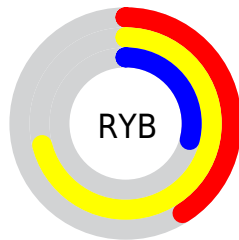
The YUV color **153.8280, -39.3552, 22.9528** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **100.1720, 39.3552, -22.9528**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6820, -41.2552, 25.7119**, and **101.3330, -38.6182, 19.8790** is the 20% darker color. If you saturate the color by 10%, you get **149.4280, -46.0600, 26.8116**, and if you desaturate by 10%, it is **158.2280, -32.6504, 19.0940**.

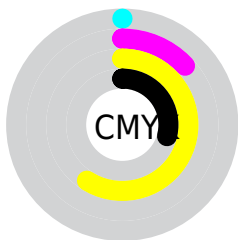
Distribution



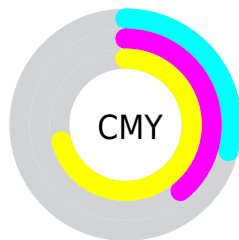
- Red (71%)
- Green (61%)
- Blue (29%)



- Red (41%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (13%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8280, -39.3552, 22.9528 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 153.8280, -39.3552, 22.9528 by changing the saturation by 10% instead.

■ 153.8280,
-39.3552, 22.9528

■ 153.8280,
-39.3552, 22.9528

■ 255.0000, 0.0000,
0.0000

■ 127.3440,
-38.6236, 21.6233

■ 208.6820,
-41.2552, 25.7119

■ 101.3330,
-38.6182, 19.8790

■ 233.8660,
-40.3599, 18.5345

■ 76.8490, -37.8866,
18.5494

■ 246.3360,
-33.1966, 7.5983

■ 55.5740, -27.3980,
14.4056

■ 249.5280,
-20.9663, 4.7989

■ 35.4730, -17.4882,
9.2322

■ 252.8340, -8.2992,
1.8996

■ 16.2580, -8.0152,
4.1587

■ 0.0000, 0.0000,

0.0000

■ 153.8280,
-39.3552, 22.9528

■ 153.8280,
-39.3552, 22.9528

■ 149.4280,
-46.0600, 26.8116

■ 158.2280,
-32.6504, 19.0940

■ 145.0280,
-52.7648, 30.6704

■ 162.6280,
-25.9456, 15.2352

■ 140.6280,
-59.4696, 34.5292

■ 167.0280,
-19.2408, 11.3764

■ 136.2280,
-66.1744, 38.3880

■ 171.4280,
-12.5360, 7.5176

■ 135.4130,
-66.7586, 39.1028

■ 175.8280, -5.8312,
3.6588

■ 180.2280, 0.8736,
-0.2000

■ 185.2150, 7.2890,
-4.5736

■ 189.6150, 13.9938,
-8.4324

■ 194.0150, 20.6986,
-12.2912

Harmonies

Analogous

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



156.3720, -34.2004, 49.6628



153.8280, -39.3552, 22.9528



149.6820, -31.3952, -10.2451

Triad

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



153.8280, -39.3552, 22.9528



126.5850, 35.7006, -111.0150



162.1450, 17.1835, 41.9688

Complementary

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



153.8280, -39.3552, 22.9528



100.1720, 39.3552, -22.9528

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.



160.3170, 32.8747, 2.3530



153.8280, -39.3552, 22.9528



126.9560, 49.8147, -111.3404

Square

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



153.8280, -39.3552, 22.9528



122.4980, 17.5025, -107.4307



149.2610, 44.2413, -50.2179



160.0540, -1.5056, 63.0966

Rectangle

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



153.8280, -39.3552, 22.9528



144.9160, -19.6786, -35.0063



149.2610, 44.2413, -50.2179



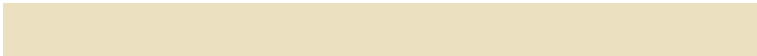
162.5610, 22.8944, 30.2030

Sweetspot

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



153.8280, -39.3552, 22.9528



224.2280, -15.8884, 9.4470



108.5440, -4.7052, 62.6669



110.5140, -9.6204, 5.6882



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



153.8280, -39.3552, 22.9528



193.6560, -61.9484, 36.2587



159.5440, -42.1732, -6.6161



86.8000, -3.3524, 1.9294



115.0130, -56.7014, 33.3146



19.5140, -9.6204, 5.6882

Inverse Universe

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



100.1720, 39.3552, -22.9528



109.3440, 61.9484, -36.2587



94.4560, 42.1732, 6.6161



82.2000, 3.3524, -1.9294



37.9870, 56.7014, -33.3146



6.4860, 9.6204, -5.6882

Previews

White Background



This preview shows how the YUV color 153.8280, -39.3552, 22.9528 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 153.8280, -39.3552, 22.9528 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 153.8280, -39.3552, 22.9528

Background



This preview shows how black text looks on a background with the YUV color 153.8280, -39.3552, 22.9528.



This preview shows how white text looks on a background with the YUV color 153.8280, -39.3552, 22.9528.

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

153.8280, -39.3552, 22.9528

Protanopia

153.6210, -38.7602, 18.7494

Deuteranopia

155.0190, -38.9564, 35.0633



Tritanopia

160.2140, -1.0915, 23.4913

Trichromacy



Original Color

153.8280, -39.3552, 22.9528

Protanomaly

153.6320, -38.7656, 20.4937

Deuteranomaly

154.5840, -39.2349, 31.0598

Tritanomaly

157.5440, -15.0582, 23.2019

Monochromacy



Original Color

153.8280, -39.3552, 22.9528

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9720, -14.2832, 7.9176

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8280, -39.3552, 22.9528 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(180, 156, 74)` looks like.

```
.text, #text, p{  
    color:rgb(180, 156, 74)  
}
```

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(180, 156, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 156, 74) }
```

Border

The CSS property to change the border of an element to YUV 153.8280, -39.3552, 22.9528 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(180, 156, 74) }
```


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

```
.border{ border-color:rgb(180, 156, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 156, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 156, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 156, 74);  
box-shadow:4px 4px 4px 4px rgb(180, 156,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 153.8280, -39.3552, 22.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 156, 74) }
```

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

```
.background{ background-color: rgb(180,  
156, 74) }
```

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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