

Converting Colors

YUV(139.9790, -51.7546,
33.3444)

Have a look what the booklet for
YUV(139.9790, -51.7546, 33.3444)
contains.

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Color

**YUV(139.9790, -51.7546,
33.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	B28D23
RGB	178, 141, 35
RGB Percent	70%, 55%, 14%
CMY	0.3020, 0.4471, 0.8627
CMYK	0.00, 0.21, 0.80, 0.30
HSL	44°, 67%, 42%
HSV	44°, 80%, 70%
XYZ	28.1883, 28.6361, 5.6317
YIQ	139.9790, 56.0780, -25.1220

Conversions

Conversions Part 2

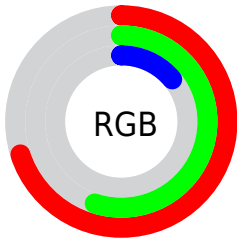
Format	Color
RYB	85, 178, 35
Decimal	11701539
CIELab	60.46, 3.87, 57.31
CIELCh	60, 57.439, 86.135
Yxy	28.6361, 0.4513, 0.4585
Android (android.graphics.Color)	4289891619 (0xFFB28D23)
YUV	139.9790, -51.7546, 33.3444
Hunter-Lab	53.5127, 0.3795, 31.2191

Details

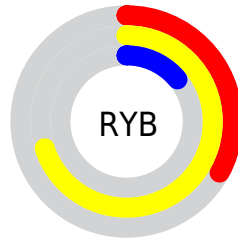
The YUV color **139.9790, -51.7546, 33.3444** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **73.0210, 51.7546, -33.3444**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8870, -52.2023, 36.9331**, and **89.5960, -44.1708, 27.5413** is the 20% darker color. If you saturate the color by 10%, you get **134.9920, -58.1701, 37.7180**, and if you desaturate by 10%, it is **144.9660, -45.3392, 28.9708**.

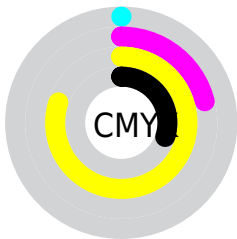
Distribution



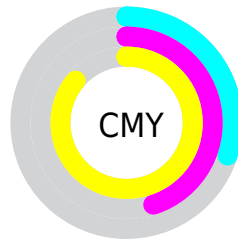
- Red (70%)
- Green (55%)
- Blue (14%)



- Red (33%)
- Yellow (70%)
- Blue (14%)



- Cyan (0%)
- Magenta (21%)
- Yellow (80%)
- Black (30%)



- Cyan (30%)
- Magenta (45%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.9790, -51.7546, 33.3444 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 139.9790, -51.7546, 33.3444 by changing the saturation by 10% instead.

■ 139.9790,
-51.7546, 33.3444

■ 139.9790,
-51.7546, 33.3444

■ 255.0000, 0.0000,
0.0000

■ 112.6430,
-55.5330, 31.8851

■ 194.8870,
-52.2023, 36.9331

■ 89.5960, -44.1708,
27.5413

■ 219.7830,
-51.1650, 30.8853

■ 68.0220, -33.5348,
22.7827

■ 239.8840,
-47.7638, 13.2567

■ 46.7360, -23.0408,
16.8945

■ 245.3100,
-37.1278, 8.4981

■ 27.5210, -13.5679,
11.8211

■ 248.5020,
-24.8975, 5.6987

■ 3.5880, -1.7689,
7.3773

■ 251.8080,

■ 0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 139.9790,
-51.7546, 33.3444

■ 139.9790,
-51.7546, 33.3444

■ 134.9920,
-58.1701, 37.7180

■ 144.9660,
-45.3392, 28.9708

■ 130.7060,
-64.4381, 41.4768

■ 149.3660,
-38.6344, 25.1120

■ 154.2390,
-32.6558, 20.8384

■ 158.6390,
-25.9510, 16.9796

■ 163.6260,
-19.5356, 12.6060

■ 168.6130,
-13.1202, 8.2324

■ 173.0130, -6.4154,
4.3736

■ 177.8860, -0.4368,
0.1000

■ 182.2860, 6.2680,
-3.7588

Harmonies

Analogous

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



142.5650, -40.2115, 64.4025



139.9790, -51.7546, 33.3444



135.5010, -43.6310, -5.7014

Triad

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



139.9790, -51.7546, 33.3444



121.3360, 33.3584, -106.4117



149.5720, 26.3400, 45.1024

Complementary

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



139.9790, -51.7546, 33.3444



73.0210, 51.7546, -33.3444

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.



146.6280, 44.5534, -10.1978



139.9790, -51.7546, 33.3444



122.9610, 52.2772, -107.8368

Square

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



139.9790, -51.7546, 33.3444



115.4080, 10.6449, -101.2128



118.5560, 63.3229, -103.9736



145.4500, 4.7082, 76.7814

Rectangle

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



139.9790, -51.7546, 33.3444



130.0870, -29.1299, -36.9103



118.5560, 63.3229, -103.9736



150.4820, 32.7934, 28.5183

Sweetspot

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



139.9790, -51.7546, 33.3444



217.3980, -20.4092, 12.8060



82.0890, -4.4809, 84.1139



107.8410, -12.2466, 8.0324



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.



139.9790, -51.7546, 33.3444



172.5320, -80.6213, 52.1534



151.8310, -57.5977, -5.9908



86.8000, -3.3524, 1.9294



112.0780, -55.2545, 35.8886



18.9270, -9.3310, 6.2030

Inverse Universe

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



73.0210, 51.7546, -33.3444



68.4680, 80.6213, -52.1534



61.1690, 57.5977, 5.9908



82.7870, 3.0630, -2.4442



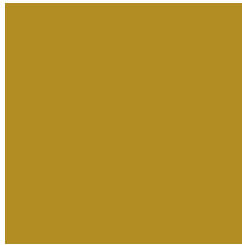
40.9220, 55.2545, -35.8886



7.0730, 9.3310, -6.2030

Previews

White Background



This preview shows how the YUV color 139.9790, -51.7546, 33.3444 looks on a white background.

Color Contrast Check

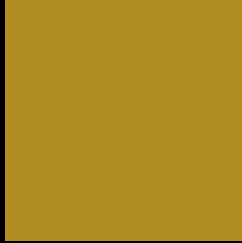
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9790, -51.7546, 33.3444 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 139.9790, -51.7546, 33.3444

Background



This preview shows how black text looks on a background with the YUV color 139.9790, -51.7546, 33.3444.



This preview shows how white text looks on a background with the YUV color 139.9790, -51.7546, 33.3444.

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

139.9790, -51.7546, 33.3444

Protanopia

138.8420, -50.7011, 22.0636

Deuteranopia

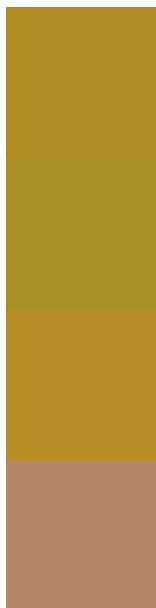
140.7130, -51.6235, 37.9627



Tritanopia

148.4000, -3.1552, 32.0982

Trichromacy



Original Color

139.9790, -51.7546, 33.3444

Protanomaly

139.1630, -50.8594, 26.1670

Deuteranomaly

140.7020, -51.6181, 36.2183

Tritanomaly

145.4050, -20.9057, 32.0938

Monochromacy



Original Color

139.9790, -51.7546, 33.3444

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8540, -18.6620, 12.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9790, -51.7546, 33.3444 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(178, 141, 35)` looks like.

```
.text, #text, p{  
    color:rgb(178, 141, 35)  
}
```

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(178, 141, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 141, 35) }
```

Border

The CSS property to change the border of an element to YUV 139.9790, -51.7546, 33.3444 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(178, 141, 35) }
```


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

```
.border{ border-color:rgb(178, 141, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 141, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 141, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 141, 35);  
box-shadow:4px 4px 4px 4px rgb(178, 141,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 139.9790, -51.7546, 33.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 141, 35) }
```

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

```
.background{ background-color: rgb(178,  
141, 35) }
```

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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