

Converting Colors

YUV(153.0990, -37.0238,
21.8382)

Have a look what the booklet for
YUV(153.0990, -37.0238, 21.8382)
contains.

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Color

**YUV(153.0990, -37.0238,
21.8382)**

Conversions

Conversions Part 1

Format	Color
Hex	B29B4E
RGB	178, 155, 78
RGB Percent	70%, 61%, 31%
CMY	0.3020, 0.3922, 0.6941
CMYK	0.00, 0.13, 0.56, 0.30
HSL	46°, 39%, 50%
HSV	46°, 56%, 70%
XYZ	31.4566, 33.4577, 12.0078
YIQ	153.0990, 38.4250, -19.0710

Conversions

Conversions Part 2

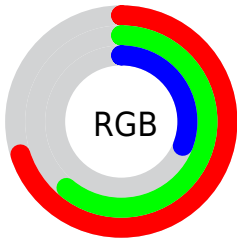
Format	Color
RYB	108, 178, 78
Decimal	11705166
CIELab	64.53, -1.26, 42.93
CIELCh	65, 42.953, 91.676
Yxy	33.4577, 0.4089, 0.4350
Android (android.graphics.Color)	4289895246 (0xFFB29B4E)
YUV	153.0990, -37.0238, 21.8382
Hunter-Lab	57.8427, -4.1509, 28.1816

Details

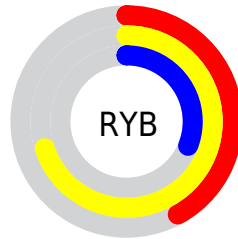
The YUV color **153.0990, -37.0238, 21.8382** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **102.9010, 37.0238, -21.8382**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9530, -38.9238, 24.5972**, and **101.0170, -35.9974, 19.2791** is the 20% darker color. If you saturate the color by 10%, you get **148.6990, -43.7286, 25.6970**, and if you desaturate by 10%, it is **157.4990, -30.3190, 17.9794**.

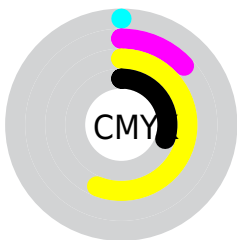
Distribution



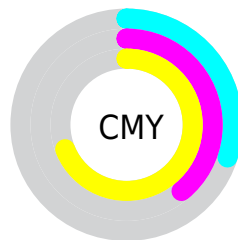
- Red (70%)
- Green (61%)
- Blue (31%)



- Red (42%)
- Yellow (70%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (56%)
- Black (30%)



- Cyan (30%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0990, -37.0238, 21.8382 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 153.0990, -37.0238, 21.8382 by changing the saturation by 10% instead.

■ 153.0990,
-37.0238, 21.8382

■ 153.0990,
-37.0238, 21.8382

■ 255.0000, 0.0000,
0.0000

■ 126.6150,
-36.2922, 20.5086

■ 207.9530,
-38.9238, 24.5972

■ 101.0170,
-35.9974, 19.2791

■ 233.1480,
-38.0340, 19.1642

■ 75.6640, -37.3024,
17.8347

■ 246.7920,
-31.4495, 7.1984

■ 54.6880, -26.9612,
14.3056

■ 249.9840,
-19.2191, 4.3990

■ 34.5870, -17.0514,
9.1322

■ 253.2900, -6.5520,
1.4997

■ 15.0730, -7.4310,
3.4440

■ 0.0000, 0.0000,

0.0000

■ 153.0990,
-37.0238, 21.8382

■ 153.0990,
-37.0238, 21.8382

■ 148.6990,
-43.7286, 25.6970

■ 157.4990,
-30.3190, 17.9794

■ 144.2990,
-50.4334, 29.5558

■ 161.8990,
-23.6142, 14.1206

■ 140.0130,
-56.7014, 33.3146

■ 166.1850,
-17.3462, 10.3618

■ 135.6130,
-63.4062, 37.1734

■ 170.5850,
-10.6414, 6.5030

■ 133.6410,
-65.8850, 38.9028

■ 174.9850, -3.9366,
2.6442

■ 179.9720, 2.4788,
-1.7294

■ 184.3720, 9.1836,
-5.5882

■ 188.6580, 15.4516,
-9.3471

■ 193.0580, 22.1564,
-13.2059

Harmonies

Analogous

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



155.5180, -32.3004, 46.9037



153.0990, -37.0238, 21.8382



148.8500, -29.5061, -9.5155

Triad

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



153.0990, -37.0238, 21.8382



125.0690, 34.9690, -109.6855



161.1940, 16.1734, 39.2949

Complementary

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



153.0990, -37.0238, 21.8382



102.9010, 37.0238, -21.8382

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.



159.7470, 30.6907, 2.8529



153.0990, -37.0238, 21.8382



125.2120, 48.2095, -109.8109

Square

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



153.0990, -37.0238, 21.8382



121.2100, 17.6445, -106.3012



149.4850, 41.1729, -46.0293



159.0320, -1.4948, 59.6079

Rectangle

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



153.0990, -37.0238, 21.8382



144.5680, -18.5210, -32.9471



149.4850, 41.1729, -46.0293



161.0940, 21.1527, 28.8586

Sweetspot

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



153.0990, -37.0238, 21.8382



222.2710, -14.4306, 8.5323



110.5220, -4.6943, 59.1782



111.4430, -8.5994, 4.8735



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.



153.0990, -37.0238, 21.8382



193.1980, -57.2856, 34.0294



158.5270, -39.6998, -6.6012



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.



102.9010, 37.0238, -21.8382



115.2150, 57.5750, -33.5146



97.4730, 39.6998, 6.6012



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 153.0990, -37.0238, 21.8382 looks on a white background.

Color Contrast Check

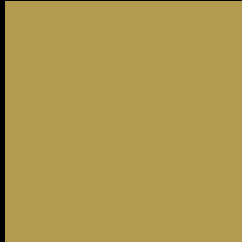
Large Text (above 18pt) WCAG AA × Fail

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 153.0990, -37.0238, 21.8382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

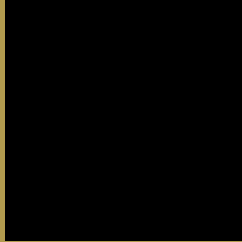
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.0990, -37.0238, 21.8382

Background



This preview shows how black text looks on a background with the YUV color 153.0990, -37.0238, 21.8382.



This preview shows how white text looks on a background with the YUV color 153.0990, -37.0238, 21.8382.

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

153.0990, -37.0238, 21.8382

Protanopia

152.8920, -36.4288, 17.6347

Deuteranopia

153.8770, -36.9144, 33.4339



Tritanopia

159.0290, -0.5073, 22.7766

Trichromacy



Original Color

153.0990, -37.0238, 21.8382

Protanomaly

152.9030, -36.4342, 19.3791

Deuteranomaly

153.5560, -36.7561, 29.3304

Tritanomaly

156.5870, -13.6004, 22.2872

Monochromacy



Original Color

153.0990, -37.0238, 21.8382

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2000, -13.4096, 7.7176

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0990, -37.0238, 21.8382 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, 155, 78)` looks like.

```
.text, #text, p{  
    color:rgb(178, 155, 78)  
}
```

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, 155, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 155, 78) }
```

Border

The CSS property to change the border of an element to YUV 153.0990, -37.0238, 21.8382 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, 155, 78) }
```


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

```
.border{ border-color:rgb(178, 155, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 155, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 155, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 155, 78);  
box-shadow:4px 4px 4px 4px rgb(178, 155,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 153.0990, -37.0238, 21.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 155, 78) }
```

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

```
.background{ background-color: rgb(178,  
155, 78) }
```

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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