

Converting Colors

YUV(165.7990, -35.3969,
13.3313)

Have a look what the booklet for
YUV(165.7990, -35.3969, 13.3313)
contains.

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Color

**YUV(165.7990, -35.3969,
13.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AC5E
RGB	181, 172, 94
RGB Percent	71%, 67%, 37%
CMY	0.2902, 0.3255, 0.6314
CMYK	0.00, 0.05, 0.48, 0.29
HSL	54°, 37%, 54%
HSV	54°, 48%, 71%
XYZ	35.8290, 40.1370, 16.4485
YIQ	165.7990, 30.4020, -22.3500

Conversions

Conversions Part 2

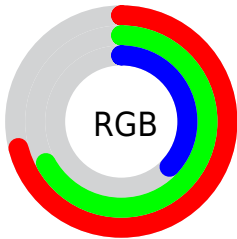
Format	Color
RYB	104, 181, 94
Decimal	11906142
CIELab	69.57, -7.63, 41.01
CIELCh	70, 41.717, 100.544
Yxy	40.1370, 0.3877, 0.4343
Android (android.graphics.Color)	4290096222 (0xFFB5AC5E)
YUV	165.7990, -35.3969, 13.3313
Hunter-Lab	63.3537, -9.9205, 28.9542

Details

The YUV color **165.7990, -35.3969, 13.3313** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **109.2010, 35.3969, -13.3313**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0550, -37.0021, 14.8608**, and **113.2440, -33.6443, 11.1870** is the 20% darker color. If you saturate the color by 10%, you get **162.5730, -42.6805, 16.1605**, and if you desaturate by 10%, it is **169.0250, -28.1133, 10.5021**.

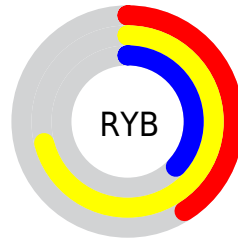
Distribution



Red (71%)

Green (67%)

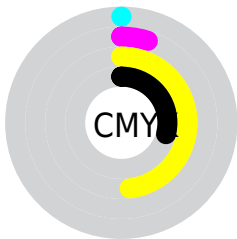
Blue (37%)



Red (41%)

Yellow (71%)

Blue (37%)

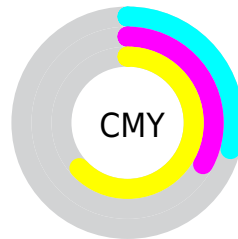


Cyan (0%)

Magenta (5%)

Yellow (48%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7990, -35.3969, 13.3313 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 165.7990, -35.3969, 13.3313 by changing the saturation by 10% instead.

■ 165.7990,
-35.3969, 13.3313

■ 165.7990,
-35.3969, 13.3313

255.0000, 0.0000,
0.0000

■ 139.3150,
-34.6653, 12.0017

■ 221.0550,
-37.0021, 14.8608

■ 113.2440,
-33.6443, 11.1870

■ 245.6520,
-35.8174, 8.1982

■ 87.8310, -33.9337,
10.6722

■ 248.8440,
-23.5871, 5.3988

■ 64.3900, -31.7443,
8.4280

■ 252.0360,
-11.3567, 2.5994

■ 43.7130, -21.5505,
5.5137

■ 24.7970, -12.2249,
1.0550

■ 0.0000, 0.0000,

0.0000

■ 165.7990,
-35.3969, 13.3313

■ 165.7990,
-35.3969, 13.3313

■ 162.5730,
-42.6805, 16.1605

■ 169.0250,
-28.1133, 10.5021

■ 159.3470,
-49.9641, 18.9897

■ 172.2510,
-20.8297, 7.6729

■ 156.1210,
-57.2477, 21.8189

■ 175.4770,
-13.5462, 4.8437

■ 153.4820,
-64.8206, 24.1333

■ 178.1160, -5.9732,
2.5293

■ 150.1420,
-72.5410, 27.0625

■ 181.4560, 1.7472,
-0.3999

■ 149.2130,
-73.5620, 27.8772

■ 184.6820, 9.0308,
-3.2291

■ 187.9080, 16.3144,
-6.0583

■ 191.1340, 23.5979,
-8.8875

■ 194.1320, 30.0079,
-11.5168

Harmonies

Analogous

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



168.9040, -34.4627, 40.4262



165.7990, -35.3969, 13.3313



161.3480, -24.8216, -18.7222

Triad

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



165.7990, -35.3969, 13.3313



135.2080, 40.8165, -118.5774



174.4570, 10.6207, 46.9572

Complementary

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



165.7990, -35.3969, 13.3313



109.2010, 35.3969, -13.3313

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.



174.0860, 26.5796, 14.8336



165.7990, -35.3969, 13.3313



151.0630, 44.3389, -81.6163

Square

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



165.7990, -35.3969, 13.3313



132.2780, 24.5129, -116.0078



167.3840, 37.7717, -28.4008



172.8490, -7.3206, 61.5224

Rectangle

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



165.7990, -35.3969, 13.3313



156.4080, -12.5261, -42.4538



167.3840, 37.7717, -28.4008



175.1830, 16.1788, 37.5505

Sweetspot

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



165.7990, -35.3969, 13.3313



228.8900, -13.2568, 5.3585



121.1530, -8.4564, 52.4858



113.5460, -8.1572, 3.0292



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.



165.7990, -35.3969, 13.3313



211.2780, -55.3531, 20.8042



161.2150, -33.1370, -11.5896



87.3870, -3.6418, 1.4146



126.1660, -62.1998, 23.5334



21.2750, -10.4886, 4.1438

Inverse Universe

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



109.2010, 35.3969, -13.3313



122.7220, 55.3531, -20.8042



113.7850, 33.1370, 11.5896



81.6130, 3.6418, -1.4146



26.8340, 62.1998, -23.5334



4.7250, 10.4886, -4.1438

Previews

White Background



This preview shows how the YUV color 165.7990, -35.3969, 13.3313 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 165.7990, -35.3969, 13.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

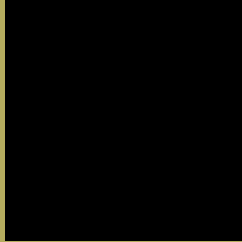
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.7990, -35.3969, 13.3313

Background



This preview shows how black text looks on a background with the YUV color 165.7990, -35.3969, 13.3313.



This preview shows how white text looks on a background with the YUV color 165.7990, -35.3969, 13.3313.

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

165.7990, -35.3969, 13.3313

Protanopia

166.3050, -36.1394, 18.1495

Deuteranopia

167.9310, -35.4620, 34.2635



Tritanopia

172.1420, 1.4090, 14.7845

Trichromacy



Original Color

165.7990, -35.3969, 13.3313

Protanomaly

166.2940, -36.1339, 16.4052

Deuteranomaly

167.4740, -35.7297, 26.7713

Tritanomaly

169.7000, -11.6841, 14.2951

Monochromacy



Original Color

165.7990, -35.3969, 13.3313

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.7050, -12.6726, 4.6437

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7990, -35.3969, 13.3313 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(181, 172, 94)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 94)  
}
```

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(181, 172, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 94) }
```

Border

The CSS property to change the border of an element to YUV 165.7990, -35.3969, 13.3313 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(181, 172, 94) }
```


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

```
.border{ border-color:rgb(181, 172, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 172, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 94);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 165.7990, -35.3969, 13.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 94) }
```

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

```
.background{ background-color: rgb(181,  
172, 94) }
```

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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