

Converting Colors

YUV(150.6850, -35.8337,
13.4313)

Have a look what the booklet for
YUV(150.6850, -35.8337, 13.4313)
contains.

YUV(150.6850, -35.8337, 13.4313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.6850, -35.8337,
13.4313)**

Conversions

Conversions Part 1

Format	Color
Hex	A69D4E
RGB	166, 157, 78
RGB Percent	65%, 62%, 31%
CMY	0.3490, 0.3843, 0.6941
CMYK	0.00, 0.05, 0.53, 0.35
HSL	54°, 36%, 48%
HSV	54°, 53%, 65%
XYZ	29.1580, 32.7710, 11.9964
YIQ	150.6850, 30.7230, -22.6610

Conversions

Conversions Part 2

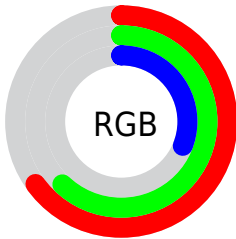
Format	Color
R_{YB}	88, 166, 78
Decimal	10919246
CIE _{Lab}	63.98, -7.50, 42.01
CIE _{LCh}	64, 42.673, 100.126
Yxy	32.7710, 0.3944, 0.4433
Android (android.graphics.Color)	4289109326 (0xFFA69D4E)
YUV	150.6850, -35.8337, 13.4313
Hunter-Lab	57.2460, -9.2621, 27.6474

Details

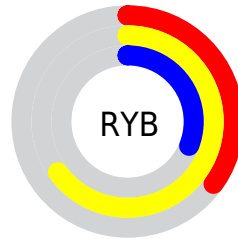
The YUV color **150.6850, -35.8337, 13.4313** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **93.3150, 35.8337, -13.4313**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.2400, -37.5863, 15.5755**, and **98.9020, -34.9547, 11.4869** is the 20% darker color. If you saturate the color by 10%, you get **147.5730, -42.6805, 16.1605**, and if you desaturate by 10%, it is **153.7970, -28.9869, 10.7020**.

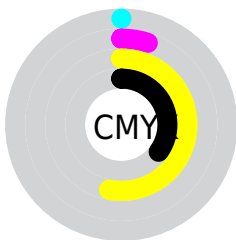
Distribution



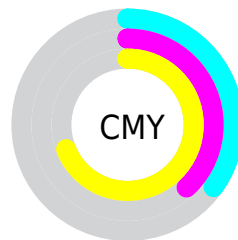
- Red (65%)
- Green (62%)
- Blue (31%)



- Red (35%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (5%)
- Yellow (53%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.6850, -35.8337, 13.4313 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 150.6850, -35.8337, 13.4313 by changing the saturation by 10% instead.

■ 150.6850,
-35.8337, 13.4313

■ 150.6850,
-35.8337, 13.4313

■ 255.0000, 0.0000,
0.0000

■ 124.5000,
-35.2495, 12.7165

■ 205.2400,
-37.5863, 15.5755

■ 98.9020, -34.9547,
11.4869

■ 234.0120,
-38.4599, 15.7755

■ 73.8480, -36.4071,
10.6573

■ 246.7920,
-31.4495, 7.1984

■ 52.8720, -26.0659,
7.1283

■ 249.9840,
-19.2191, 4.3990

■ 33.0700, -16.3035,
2.5696

■ 253.2900, -6.5520,
1.4997

■ 11.4630, -5.6513,
-7.4221

■ 0.0000, 0.0000,

0.0000

■ 150.6850,
-35.8337, 13.4313

■ 150.6850,
-35.8337, 13.4313

■ 147.5730,
-42.6805, 16.1605

■ 153.7970,
-28.9869, 10.7020

■ 145.1620,
-49.3799, 18.2749

■ 156.2080,
-22.2875, 8.5876

■ 142.0500,
-56.2267, 21.0041

■ 159.3200,
-15.4408, 5.8584

■ 139.0520,
-62.6366, 23.6334

■ 162.3180, -9.0308,
3.2291

■ 137.0970,
-67.5888, 25.3479

■ 164.8430, -1.8946,
1.0147

■ 167.9550, 4.9522,
-1.7145

■ 170.9530, 11.3622,
-4.3438

■ 174.0650, 18.2090,
-7.0730

■ 176.4760, 24.9083,
-9.1875

Harmonies

Analogous

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



153.7900, -34.8995, 40.5262



150.6850, -35.8337, 13.4313



146.2340, -25.2584, -18.6222

Triad

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



150.6850, -35.8337, 13.4313



124.6930, 38.6054, -109.3558



159.2720, 11.2049, 46.2425

Complementary

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



150.6850, -35.8337, 13.4313



93.3150, 35.8337, -13.4313

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.



158.7870, 26.7270, 14.2188



150.6850, -35.8337, 13.4313



123.8040, 50.3826, -106.8221

Square

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



150.6850, -35.8337, 13.4313



121.7630, 22.3018, -106.7862



152.1880, 38.3613, -30.8599



156.9630, -6.8838, 61.4224

Rectangle

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



150.6850, -35.8337, 13.4313



141.1090, -12.3787, -43.0686



152.1880, 38.3613, -30.8599



159.4110, 17.0524, 37.3506

Sweetspot

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



150.6850, -35.8337, 13.4313



210.6620, -14.1304, 5.5584



105.4520, -8.6038, 53.1006



106.4320, -8.5940, 3.1291



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



150.6850, -35.8337, 13.4313



192.9360, -56.6634, 21.1041



145.8020, -33.4264, -12.1044



82.5010, -3.2050, 1.3146



122.3230, -60.3052, 22.5187



16.5460, -8.1572, 3.0292

Inverse Universe

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



93.3150, 35.8337, -13.4313



102.0640, 56.6634, -21.1041



98.1980, 33.4264, 12.1044



77.4990, 3.2050, -1.3146



25.6770, 60.3052, -22.5187



3.4540, 8.1572, -3.0292

Previews

White Background



This preview shows how the YUV color 150.6850, -35.8337, 13.4313 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 150.6850, -35.8337, 13.4313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

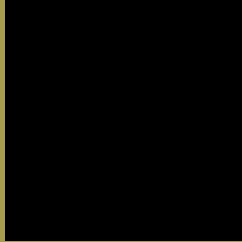
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.6850, -35.8337, 13.4313

Background



This preview shows how black text looks on a background with the YUV color 150.6850, -35.8337, 13.4313.



This preview shows how white text looks on a background with the YUV color 150.6850, -35.8337, 13.4313.

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

150.6850, -35.8337, 13.4313

Protanopia

150.8920, -36.4288, 17.6347

Deuteranopia

152.8060, -35.8934, 32.6191



Tritanopia

157.1420, 1.4090, 14.7845

Trichromacy



Original Color

150.6850, -35.8337, 13.4313

Protanomaly

150.8810, -36.4233, 15.8904

Deuteranomaly

151.7620, -35.8717, 25.6417

Tritanomaly

154.5860, -12.1209, 14.3951

Monochromacy



Original Color

150.6850, -35.8337, 13.4313

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.5910, -13.1094, 4.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.6850, -35.8337, 13.4313 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(166, 157, 78)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 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(166, 157, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 78) }
```

Border

The CSS property to change the border of an element to YUV 150.6850, -35.8337, 13.4313 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(166, 157, 78) }
```


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

```
.border{ border-color:rgb(166, 157, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 78);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 150.6850, -35.8337, 13.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 78) }
```

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

```
.background{ background-color: rgb(166,  
157, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor