

Converting Colors

YUV(136.9150, -37.9191,
29.0155)

Have a look what the booklet for
YUV(136.9150, -37.9191, 29.0155)
contains.

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Color

**YUV(136.9150, -37.9191,
29.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	AA873C
RGB	170, 135, 60
RGB Percent	67%, 53%, 24%
CMY	0.3333, 0.4706, 0.7647
CMYK	0.00, 0.21, 0.65, 0.33
HSL	41°, 48%, 45%
HSV	41°, 65%, 67%
XYZ	26.0571, 26.2002, 7.9588
YIQ	136.9150, 44.9350, -15.9050

Conversions

Conversions Part 2

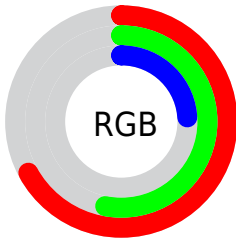
Format	Color
R_{YB}	111, 170, 60
Decimal	11175740
CIE _{Lab}	58.23, 4.87, 44.35
CIE _{LCh}	58, 44.621, 83.734
Yxy	26.2002, 0.4327, 0.4351
Android (android.graphics.Color)	4289365820 (0xFFAA873C)
YUV	136.9150, -37.9191, 29.0155
Hunter-Lab	51.1862, 1.2925, 26.6115

Details

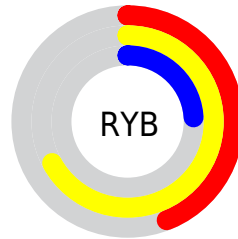
The YUV color **136.9150, -37.9191, 29.0155** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **93.0850, 37.9191, -29.0155**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0680, -39.9665, 32.3894**, and **85.3660, -38.6344, 25.1120** is the 20% darker color. If you saturate the color by 10%, you get **132.0420, -43.8977, 33.2892**, and if you desaturate by 10%, it is **141.7880, -31.9405, 24.7419**.

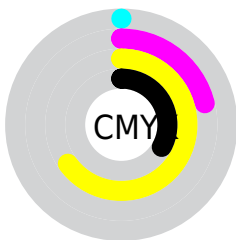
Distribution



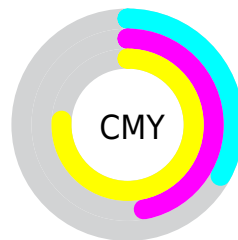
- Red (67%)
- Green (53%)
- Blue (24%)



- Red (44%)
- Yellow (67%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (65%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9150, -37.9191, 29.0155 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 136.9150, -37.9191, 29.0155 by changing the saturation by 10% instead.

■ 136.9150,
-37.9191, 29.0155

■ 136.9150,
-37.9191, 29.0155

■ 255.0000, 0.0000,
0.0000

■ 111.0180,
-37.4769, 27.1712

■ 191.0680,
-39.9665, 32.3894

■ 85.3660, -38.6344,
25.1120

■ 218.6550,
-40.2559, 31.8746

■ 63.2930, -31.2034,
21.6680

■ 238.0550,
-37.0021, 14.8608

■ 42.6050, -21.0043,
17.0094

■ 247.7040,
-27.9551, 6.3986

■ 23.3900, -11.5313,
11.9360

■ 250.8960,
-15.7247, 3.5992

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 136.9150,
-37.9191, 29.0155

■ 136.9150,
-37.9191, 29.0155

■ 132.0420,
-43.8977, 33.2892

■ 141.7880,
-31.9405, 24.7419

■ 126.5820,
-49.5869, 38.0776

■ 147.2480,
-26.2513, 19.9535

■ 121.7090,
-55.5655, 42.3512

■ 152.1210,
-20.2727, 15.6799

■ 118.9220,
-58.6285, 44.7954

■ 157.5810,
-14.5834, 10.8915

■ 162.4540, -8.6048,
6.6178

■ 167.3270, -2.6262,
2.3442

■ 172.7870, 3.0630,
-2.4442

■ 177.6600, 9.0416,
-6.7178

■ 183.1200, 14.7308,
-11.5062

Harmonies

Analogous

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



139.4200, -30.2801, 52.2517



136.9150, -37.9191, 29.0155



133.1670, -33.6063, -1.0235

Triad

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



136.9150, -37.9191, 29.0155



112.7130, 28.2425, -98.8493



144.4040, 20.9998, 31.2177

Complementary

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



136.9150, -37.9191, 29.0155



93.0850, 37.9191, -29.0155

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.



141.1090, 34.9493, -9.7426



136.9150, -37.9191, 29.0155



114.0130, 43.3776, -99.9894

Square

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



136.9150, -37.9191, 29.0155



108.1530, 10.7706, -94.8502



122.6880, 46.4958, -73.3944



142.6880, 3.6048, 57.2786

Rectangle

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



136.9150, -37.9191, 29.0155



129.5430, -23.9317, -24.1552



122.6880, 46.4958, -73.3944



144.2930, 25.9846, 19.0370

Sweetspot

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



136.9150, -37.9191, 29.0155



208.9940, -14.2940, 11.4063



97.1080, -0.0532, 63.9263



104.3400, -9.0416, 6.7178



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



136.9150, -37.9191, 29.0155



169.9930, -59.6495, 45.6101



152.0780, -45.3945, -0.0684



81.3270, -2.6262, 2.3442



103.5390, -51.0447, 38.9923



14.1980, -6.9996, 5.0884

Inverse Universe

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



93.0850, 37.9191, -29.0155



101.0070, 59.6495, -45.6101



77.9220, 45.3945, 0.0684



78.0860, 2.9156, -1.8294



44.4610, 51.0447, -38.9923



5.8020, 6.9996, -5.0884

Previews

White Background



This preview shows how the YUV color 136.9150, -37.9191, 29.0155 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 136.9150, -37.9191, 29.0155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

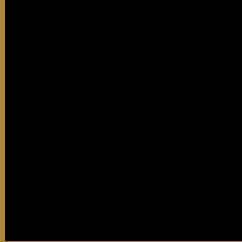
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.9150, -37.9191, 29.0155

Background



This preview shows how black text looks on a background with the YUV color 136.9150, -37.9191, 29.0155.



This preview shows how white text looks on a background with the YUV color 136.9150, -37.9191,

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

136.9150, -37.9191, 29.0155

Protanopia

135.8920, -36.4288, 17.6347

Deuteranopia

136.9370, -37.9299, 32.5043



Tritanopia

142.7910, -2.8550, 29.1243

Trichromacy



Original Color

136.9150, -37.9191, 29.0155

Protanomaly

136.0990, -37.0238, 21.8382

Deuteranomaly

137.2250, -38.0719, 31.3747

Tritanomaly

140.7620, -15.6587, 29.1497

Monochromacy



Original Color

136.9150, -37.9191, 29.0155

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8090, -13.7098, 10.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9150, -37.9191, 29.0155 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(170, 135, 60)` looks like.

```
.text, #text, p{  
    color:rgb(170, 135, 60)  
}
```

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(170, 135, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 135, 60) }
```

Border

The CSS property to change the border of an element to YUV 136.9150, -37.9191, 29.0155 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(170, 135, 60) }
```


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

```
.border{ border-color:rgb(170, 135, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 135, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 135, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 135, 60);  
box-shadow:4px 4px 4px 4px rgb(170, 135,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 136.9150, -37.9191, 29.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 135, 60) }
```

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

```
.background{ background-color: rgb(170,  
135, 60) }
```

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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