

Converting Colors

YUV(137.1710, 58.0897,
34.9300)

Have a look what the booklet for
YUV(137.1710, 58.0897, 34.9300)
contains.

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Color

**YUV(137.1710, 58.0897,
34.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	B15EFF
RGB	177, 94, 255
RGB Percent	69%, 37%, 100%
CMY	0.3059, 0.6314, 0.0000
CMYK	0.31, 0.63, 0.00, 0.00
HSL	271°, 100%, 68%
HSV	271°, 63%, 100%
XYZ	40.1842, 24.5725, 97.2328
YIQ	137.1710, -2.2130, 67.6670

Conversions

Conversions Part 2

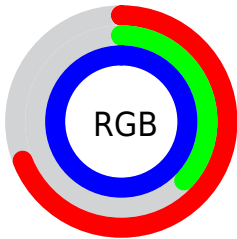
Format	Color
R_{YB}	177, 94, 255
Decimal	11624191
CIE _{Lab}	56.66, 62.09, -67.33
CIE _{LCh}	57, 91.589, 312.685
Yxy	24.5725, 0.2481, 0.1517
Android (android.graphics.Color)	4289814271 (0xFFB15EFF)
YUV	137.1710, 58.0897, 34.9300
Hunter-Lab	49.5707, 57.9513, -81.5977

Details

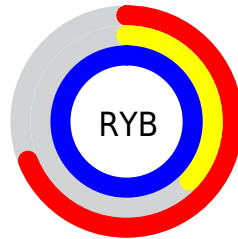
The YUV color **137.1710, 58.0897, 34.9300** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **211.8290, -58.0897, -34.9300**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8090, 33.6182, 44.0175**, and **80.9320, 57.2215, 33.3856** is the 20% darker color. If you saturate the color by 10%, you get **118.9080, 67.0934, 40.4227**, and if you desaturate by 10%, it is **156.0210, 48.7966, 28.9226**.

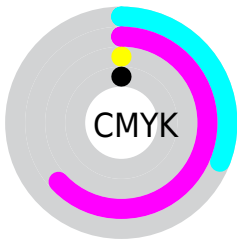
Distribution



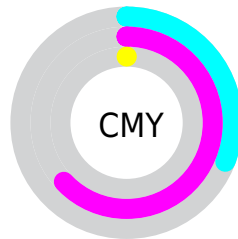
- Red (69%)
- Green (37%)
- Blue (100%)



- Red (69%)
- Yellow (37%)
- Blue (100%)



- Cyan (31%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1710, 58.0897, 34.9300 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 137.1710, 58.0897, 34.9300 by changing the saturation by 10% instead.

■ 137.1710, 58.0897,
34.9300

■ 137.1710, 58.0897,
34.9300

255.0000, 0.0000,
0.0000

■ 109.3450, 57.5109,
33.9004

■ 186.8090, 33.6182,
44.0175

■ 80.9320, 57.2215,
33.3856

■ 208.6270, 22.8619,
40.6691

■ 45.8770, 60.6996,
37.8189

■ 225.6500, 14.4696,
25.7400

■ 33.8290, 53.3283,
22.0750

■ 242.6730, 6.0772,
10.8108

■ 19.5030, 47.5730,
1.3129

■ 10.2600, 39.3118,
-8.9980

■ 9.1710, 27.5237,

-8.0430

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 137.1710, 58.0897,
34.9300

■ 137.1710, 58.0897,
34.9300

■ 118.9080, 67.0934,
40.4227

■ 156.0210, 48.7966,
28.9226

■ 99.7590, 76.5338,
45.8154

■ 174.5830, 39.6456,
24.0447

■ 81.4960, 85.5375,
51.3080

■ 193.4330, 30.3525,
18.0373

■ 68.2390, 92.0732,
55.0414

■ 211.6960, 21.3489,
12.5446

■ 230.8450, 11.9084,
7.1519

■ 249.1080, 2.9048,
1.6593

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



108.3150, 72.3157, -94.9923



137.1710, 58.0897, 34.9300



108.4660, 37.7313, 125.0023

Triad

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



137.1710, 58.0897, 34.9300



127.9030, -63.0562, 64.9831



118.4690, 24.9118, -103.8973

Complementary

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



137.1710, 58.0897, 34.9300



211.8290, -58.0897, -34.9300

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.



107.1320, -10.9111, -93.9548



137.1710, 58.0897, 34.9300



124.0070, -61.1355, 8.7639

Square

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



137.1710, 58.0897, 34.9300



117.2280, -45.4684, 117.3180



93.3330, -46.0132, -81.8530



125.8450, 58.2504, -110.3661

Rectangle

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



137.1710, 58.0897, 34.9300



91.4070, 20.5053, 143.4711



93.3330, -46.0132, -81.8530



114.6900, 12.9708, -100.5831

Sweetspot

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



137.1710, 58.0897, 34.9300



219.9470, 17.2811, 10.5705



159.9010, 46.8838, -57.7952



105.9050, 10.8928, 6.2223



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.1710, 58.0897, 34.9300



113.0160, 69.9981, 42.0820



160.4930, 46.5920, 82.8826



118.2760, 4.7939, 2.3889



51.3750, 68.8351, 41.7671



17.1630, 23.0906, 13.8890

Inverse Universe

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



151.0310, 10.3377, 91.1808



129.7220, 12.4621, 109.8688



188.5070, -46.5920, -82.8826



119.5710, 0.7045, 7.3922



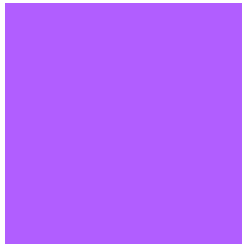
67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 137.1710, 58.0897, 34.9300 looks on a white background.

Color Contrast Check

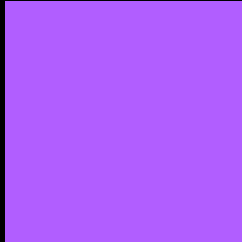
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1710, 58.0897, 34.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

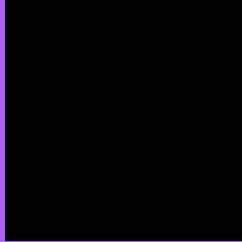
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.1710, 58.0897, 34.9300

Background



This preview shows how black text looks on a background with the YUV color 137.1710, 58.0897, 34.9300.



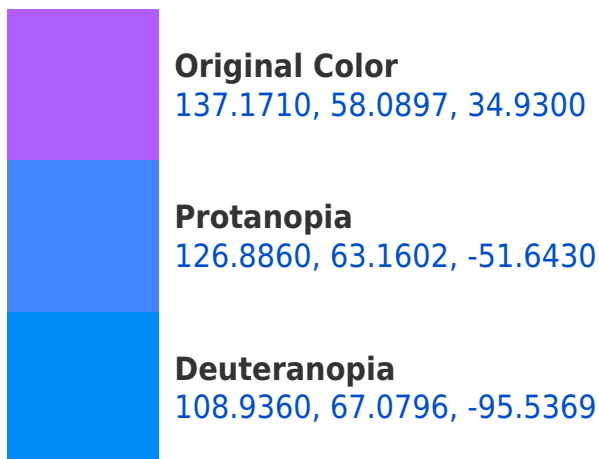
This preview shows how white text looks on a background with the YUV color 137.1710, 58.0897, 34.9300.

34.9300.

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





Tritanopia

137.2130, 0.3880, 15.5992

Trichromacy



Original Color

137.1710, 58.0897, 34.9300



Protanomaly

130.6280, 61.3154, -19.8448



Deuteranomaly

119.1360, 64.0230, -48.3543



Tritanomaly

137.4630, 21.4637, 22.3959

Monochromacy



Original Color

137.1710, 58.0897, 34.9300



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.9950, 21.2015, 13.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1710, 58.0897, 34.9300 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(177, 94, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 94, 255)  
}
```

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(177, 94, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 94, 255) }
```

Border

The CSS property to change the border of an element to YUV 137.1710, 58.0897, 34.9300 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(177, 94, 255) }
```


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

```
.border{ border-color:rgb(177, 94, 255) }
```

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

Here you see how a box with a 4 pixel rgb(177, 94, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 94, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 94, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 94,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 137.1710, 58.0897, 34.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 94, 255) }
```

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

```
.background{ background-color: rgb(177, 94,  
255) }
```

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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