

Converting Colors

YUV(137.0830, 34.4691, 4.3122)

Have a look what the booklet for
YUV(137.0830, 34.4691, 4.3122)
contains.

YUV(137.0830, 34.4691, 4.3122)	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(137.0830, 34.4691,
4.3122)**

Conversions

Conversions Part 1

Format	Color
Hex	8E79CF
RGB	142, 121, 207
RGB Percent	56%, 47%, 81%
CMY	0.4431, 0.5255, 0.1882
CMYK	0.31, 0.42, 0.00, 0.19
HSL	255°, 47%, 64%
HSV	255°, 42%, 81%
XYZ	29.2552, 23.9305, 62.1086
YIQ	137.0830, -15.0900, 31.1980

Conversions

Conversions Part 2

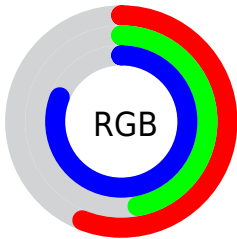
Format	Color
R_{YB}	142, 121, 207
Decimal	9337295
CIE _{Lab}	56.02, 27.17, -41.70
CIE _{LCh}	56, 49.768, 303.086
Yxy	23.9305, 0.2537, 0.2076
Android (android.graphics.Color)	4287527375 (0xFF8E79CF)
YUV	137.0830, 34.4691, 4.3122
Hunter-Lab	48.9188, 21.1413, -41.0329

Details

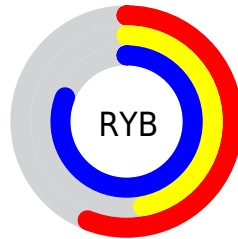
The YUV color **137.0830, 34.4691, 4.3122** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **190.9170, -34.4691, -4.3122**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4100, 31.8429, 6.6564**, and **86.2030, 32.4379, 2.4530** is the 20% darker color. If you saturate the color by 10%, you get **119.9720, 42.9048, 5.2866**, and if you desaturate by 10%, it is **154.1940, 26.0334, 3.3379**.

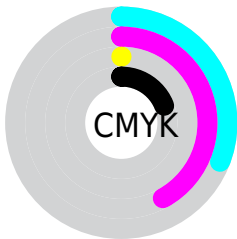
Distribution



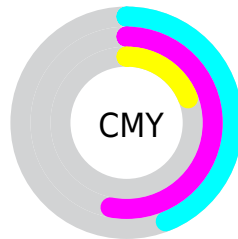
- Red (56%)
- Green (47%)
- Blue (81%)



- Red (56%)
- Yellow (47%)
- Blue (81%)



- Cyan (31%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (44%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0830, 34.4691, 4.3122 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 137.0830, 34.4691, 4.3122 by changing the saturation by 10% instead.

■ 137.0830, 34.4691,
4.3122

■ 137.0830, 34.4691,
4.3122

■ 255.0000, 0.0000,
0.0000

■ 111.1430, 33.4535,
3.3826

■ 190.4100, 31.8429,
6.6564

■ 86.2030, 32.4379,
2.4530

■ 214.6310, 19.9019,
9.9706

■ 61.6650, 31.7172,
0.2938

■ 239.7380, 7.5242,
13.3848

■ 38.3010, 30.4176,
-2.8950

■ 12.4850, 31.3129,
-10.0723

■ 6.0420, 23.1503,
-5.2988

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 137.0830, 34.4691,
4.3122

■ 137.0830, 34.4691,
4.3122

■ 119.9720, 42.9048,
5.2866

■ 154.1940, 26.0334,
3.3379

■ 103.7470, 50.9037,
6.3609

■ 170.4190, 18.0344,
2.2635

■ 86.6360, 59.3395,
7.3352

■ 187.5300, 9.5987,
1.2892

■ 69.5250, 67.7752,
8.3096

■ 204.6410, 1.1630,
0.3148

■ 52.7130, 76.0635,
9.8987

■ 221.4530, -7.1253,
-1.2743

■ 38.8470, 82.8994,
10.6582

■ 237.9770,
-15.2717, -1.7338

■ 248.6310,
-20.5241, 2.9546

■ 249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



121.1500, 49.2260, -62.3986



137.0830, 34.4691, 4.3122



137.9930, 17.7515, 46.4871

Triad

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



137.0830, 34.4691, 4.3122



132.1610, -37.5474, 49.8478



106.7170, 15.4225, -93.5908

Complementary

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



137.0830, 34.4691, 4.3122



190.9170, -34.4691, -4.3122

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.



112.9820, -9.8511, -60.4972



137.0830, 34.4691, 4.3122



129.4920, -43.1336, 21.4935

Square

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



137.0830, 34.4691, 4.3122



132.8100, -21.5983, 67.6956



124.2040, -33.1316, -13.3339



111.5050, 33.7680, -97.7899

Rectangle

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



137.0830, 34.4691, 4.3122



135.1880, 5.3303, 63.8561



124.2040, -33.1316, -13.3339



104.8930, 8.4338, -91.9912

Sweetspot

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



137.0830, 34.4691, 4.3122



229.9260, 12.3615, 1.8189



169.5460, 18.4648, -42.5748



113.2480, 7.2727, 0.6595



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.



137.0830, 34.4691, 4.3122



151.7470, 50.9037, 6.3609



149.6410, 28.2780, 30.1328



96.1510, 4.3626, 0.7446



31.4110, 67.3384, 8.4096



7.6640, 16.4346, 2.0487

Inverse Universe

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



154.1240, 15.7149, 46.3723



176.9170, 23.2119, 68.4788



178.3590, -28.2780, -30.1328



98.2010, 1.8729, 5.9627



64.7100, 30.7090, 90.5853



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 137.0830, 34.4691, 4.3122 looks on a white background.

Color Contrast Check

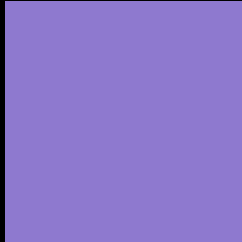
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0830, 34.4691, 4.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

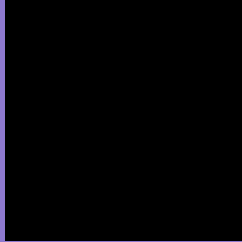
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.0830, 34.4691, 4.3122

Background



This preview shows how black text looks on a background with the YUV color 137.0830, 34.4691, 4.3122.



This preview shows how white text looks on a background with the YUV color 137.0830, 34.4691, 4.3122.

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

137.0830, 34.4691, 4.3122

Protanopia

132.3070, 41.2606, -27.4562

Deuteranopia

131.8140, 35.5877, -27.9009



Tritanopia

133.7590, 5.5418, -4.1736

Trichromacy



Original Color

137.0830, 34.4691, 4.3122

Protanomaly

134.1020, 38.8967, -15.8755

Deuteranomaly

133.4780, 35.2603, -16.2052

Tritanomaly

134.9410, 16.2981, -0.8253

Monochromacy



Original Color

137.0830, 34.4691, 4.3122

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9260, 12.3615, 1.8189

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0830, 34.4691, 4.3122 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(142, 121, 207)` looks like.

```
.text, #text, p{  
    color:rgb(142, 121, 207)  
}
```

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(142, 121, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 121, 207) }
```

Border

The CSS property to change the border of an element to YUV 137.0830, 34.4691, 4.3122 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(142, 121, 207) }
```


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

```
.border{ border-color:rgb(142, 121, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 121, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 121, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 121, 207);  
box-shadow:4px 4px 4px 4px rgb(142, 121,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 137.0830, 34.4691, 4.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 121, 207) }
```

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

```
.background{ background-color: rgb(142,  
121, 207) }
```

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