

Converting Colors

YUV(137.6470, 35.6700,
-7.5834)

Have a look what the booklet for
YUV(137.6470, 35.6700, -7.5834)
contains.

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Color

**YUV(137.6470, 35.6700,
-7.5834)**

Conversions

Conversions Part 1

Format	Color
Hex	8180D2
RGB	129, 128, 210
RGB Percent	51%, 50%, 82%
CMY	0.4941, 0.4980, 0.1765
CMYK	0.39, 0.39, 0.00, 0.18
HSL	241°, 48%, 66%
HSV	241°, 39%, 82%
XYZ	28.4053, 24.7586, 64.2545
YIQ	137.6470, -25.7260, 25.7140

Conversions

Conversions Part 2

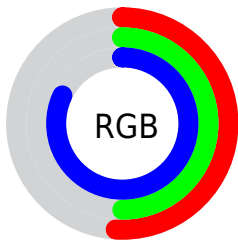
Format	Color
R_{YB}	129, 128, 210
Decimal	8487122
CIE _{Lab}	56.84, 20.33, -42.17
CIE _{LCh}	57, 46.814, 295.735
Yxy	24.7586, 0.2419, 0.2109
Android (android.graphics.Color)	4286677202 (0xFF8180D2)
YUV	137.6470, 35.6700, -7.5834
Hunter-Lab	49.7580, 14.8235, -41.7329

Details

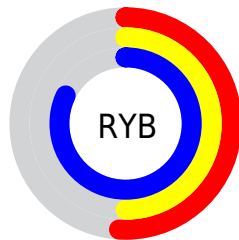
The YUV color **137.6470, 35.6700, -7.5834** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **200.3530, -35.6700, 7.5834**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6320, 31.7334, -4.9393**, and **86.4680, 33.7863, -10.0574** is the 20% darker color. If you saturate the color by 10%, you get **119.0410, 44.8428, -9.6830**, and if you desaturate by 10%, it is **156.2530, 26.4973, -5.4839**.

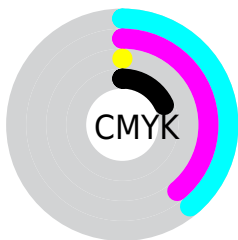
Distribution



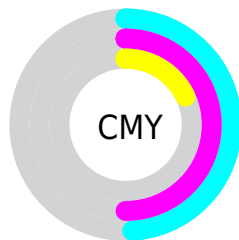
- Red (51%)
- Green (50%)
- Blue (82%)



- Red (51%)
- Yellow (50%)
- Blue (82%)



- Cyan (39%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6470, 35.6700, -7.5834 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 137.6470, 35.6700, -7.5834 by changing the saturation by 10% instead.

■ 137.6470, 35.6700,
-7.5834

■ 137.6470, 35.6700,
-7.5834

255.0000, 0.0000,
0.0000

■ 111.7070, 34.6544,
-8.5130

■ 190.6320, 31.7334,
-4.9393

■ 86.4680, 33.7863,
-10.0574

■ 214.8530, 19.7925,
-1.6251

■ 61.6310, 33.2129,
-12.8314

■ 240.5470, 7.1253,
1.2743

■ 36.4730, 32.7978,
-19.7088

■ 17.8110, 30.1662,
-15.6202

■ 6.2700, 24.0239,
-5.4988

■ 4.9360, 13.8356,

-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 137.6470, 35.6700,
-7.5834

■ 137.6470, 35.6700,
-7.5834

■ 119.0410, 44.8428,
-9.6830

■ 156.2530, 26.4973,
-5.4839

■ 100.7340, 53.8681,
-11.1677

■ 174.5600, 17.4719,
-3.9991

■ 82.1280, 63.0409,
-13.2673

■ 193.1660, 8.2992,
-1.8996

■ 63.5220, 72.2137,
-15.3668

■ 211.7720, -0.8736,
0.2000

■ 44.9160, 81.3864,
-17.4663

■ 230.3780,
-10.0464, 2.2995

■ 26.6090, 90.4118,
-18.9511

■ 248.6850,
-19.0717, 3.7843

■ 24.8370, 91.2854,
-19.1510

■ 249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



116.2680, 50.1539, -80.0420



137.6470, 35.6700, -7.5834



140.7250, 20.8416, 35.3212

Triad

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



137.6470, 35.6700, -7.5834



134.9640, -32.0273, 52.6516



106.2780, 11.2019, -93.2058

Complementary

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



137.6470, 35.6700, -7.5834



200.3530, -35.6700, 7.5834

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.



121.7840, -16.1625, -42.7836



137.6470, 35.6700, -7.5834



132.6330, -40.2451, 28.3859

Square

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



137.6470, 35.6700, -7.5834



135.8790, -16.2093, 65.8811



129.2160, -34.6165, -3.6974



111.0660, 29.5475, -97.4049

Rectangle

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



137.6470, 35.6700, -7.5834



139.4580, 9.1412, 54.8493



129.2160, -34.6165, -3.6974



104.0950, 5.3762, -91.2913

Sweetspot

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



137.6470, 35.6700, -7.5834



227.8330, 13.3933, -2.4845



185.4820, 12.0874, -50.4117



112.0520, 7.8624, -1.7996



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.



137.6470, 35.6700, -7.5834



149.2780, 52.1209, -10.7678



149.6070, 29.7737, 17.0077



95.2540, 4.8048, -1.0998



19.7500, 73.0872, -15.5668



4.6740, 17.9087, -4.0991

Inverse Universe

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



161.7520, 23.2933, 42.3135



184.4460, 34.2901, 61.8759



188.3930, -29.7737, -17.0077



98.4290, 2.7465, 5.7628



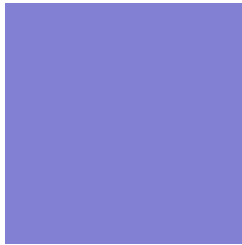
69.1560, 47.7441, 86.6862



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 137.6470, 35.6700, -7.5834 looks on a white background.

Color Contrast Check

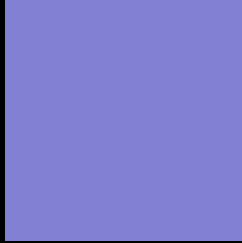
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6470, 35.6700, -7.5834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

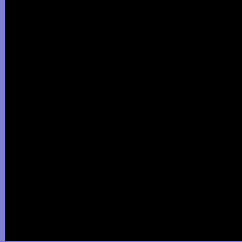
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.6470, 35.6700, -7.5834

Background



This preview shows how black text looks on a background with the YUV color 137.6470, 35.6700, -7.5834.



This preview shows how white text looks on a background with the YUV color 137.6470, 35.6700, -7.5834.

-7.5834.

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

137.6470, 35.6700, -7.5834

Protanopia

134.8620, 39.5080, -25.3120

Deuteranopia

133.7430, 36.6087, -28.7156



Tritanopia

133.8930, 8.9268, -16.5692

Trichromacy



Original Color

137.6470, 35.6700, -7.5834

Protanomaly

135.8520, 38.0340, -19.1642

Deuteranomaly

135.0860, 36.4396, -21.1234

Tritanomaly

135.4340, 18.5200, -13.5356

Monochromacy



Original Color

137.6470, 35.6700, -7.5834

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7190, 12.9565, -2.3846

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6470, 35.6700, -7.5834 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(129, 128, 210)` looks like.

```
.text, #text, p{  
    color:rgb(129, 128, 210)  
}
```

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(129, 128, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 128, 210) }
```

Border

The CSS property to change the border of an element to YUV 137.6470, 35.6700, -7.5834 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(129, 128, 210) }
```


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

```
.border{ border-color:rgb(129, 128, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 128, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 128, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 128, 210);  
box-shadow:4px 4px 4px 4px rgb(129, 128,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 137.6470, 35.6700, -7.5834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 128, 210) }
```

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

```
.background{ background-color: rgb(129,  
128, 210) }
```

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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