

Converting Colors

YUV(169.9600, 37.4877,
-30.6599)

Have a look what the booklet for
YUV(169.9600, 37.4877, -30.6599)
contains.

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Color

**YUV(169.9600, 37.4877,
-30.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	87ADF6
RGB	135, 173, 246
RGB Percent	53%, 68%, 96%
CMY	0.4706, 0.3216, 0.0353
CMYK	0.45, 0.30, 0.00, 0.04
HSL	219°, 86%, 75%
HSV	219°, 45%, 96%
XYZ	41.5698, 41.6919, 93.0451
YIQ	169.9600, -46.0810, 14.6470

Conversions

Conversions Part 2

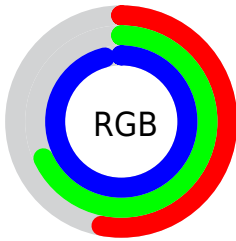
Format	Color
R _Y B	135, 163, 246
Decimal	8891894
CIE Lab	70.66, 6.01, -40.38
CIE LCh	71, 40.825, 278.462
Yxy	41.6919, 0.2358, 0.2365
Android (android.graphics.Color)	4287081974 (0xFF87ADF6)
YUV	169.9600, 37.4877, -30.6599
Hunter-Lab	64.5692, 1.9225, -40.2392

Details

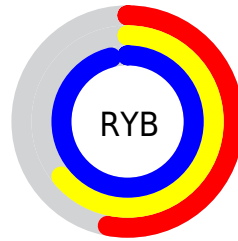
The YUV color **169.9600, 37.4877, -30.6599** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **211.0400, -37.4877, 30.6599**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3140, 17.1002, -24.8314**, and **115.8950, 36.0408, -33.2339** is the 20% darker color. If you saturate the color by 10%, you get **153.0930, 45.8032, -37.7926**, and if you desaturate by 10%, it is **186.8270, 29.1723, -23.5273**.

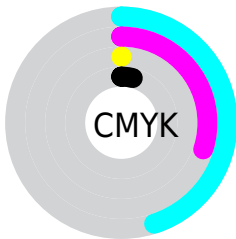
Distribution



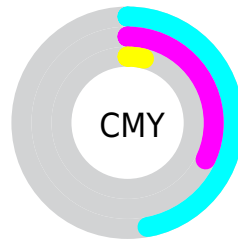
- Red (53%)
- Green (68%)
- Blue (96%)



- Red (53%)
- Yellow (64%)
- Blue (96%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (32%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9600, 37.4877, -30.6599 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 169.9600, 37.4877, -30.6599 by changing the saturation by 10% instead.

■ 169.9600, 37.4877,
-30.6599

■ 169.9600, 37.4877,
-30.6599

255.0000, 0.0000,
0.0000

■ 143.0200, 36.4721,
-31.5895

■ 220.3140, 17.1002,
-24.8314

■ 115.8950, 36.0408,
-33.2339

■ 245.1330, 4.8644,
-20.2876

■ 88.8730, 36.0516,
-36.7226

■ 253.8040, 0.5896,
-2.4591

■ 58.3550, 38.2790,
-51.1773

■ 42.4770, 33.2888,
-37.2523

■ 27.8870, 28.1567,
-24.4569

■ 9.4160, 25.9239,

-8.2578

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 169.9600, 37.4877,
-30.6599

■ 169.9600, 37.4877,
-30.6599

■ 153.0930, 45.8032,
-37.7926

■ 186.8270, 29.1723,
-23.5273

■ 136.5250, 53.9712,
-44.3104

■ 203.3950, 21.0043,
-17.0094

■ 119.0710, 62.5760,
-50.9283

■ 220.8490, 12.3994,
-10.3916

■ 102.5030, 70.7440,
-57.4461

■ 237.4170, 4.2314,
-3.8737

■ 85.6360, 79.0595,
-64.5788

■ 253.3870, -3.6418,
1.4146

■ 77.3520, 83.1435,
-67.8377

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



154.0200, 42.8811, -80.7015



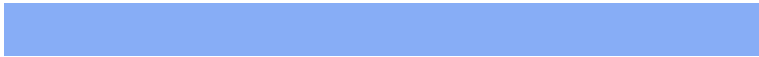
169.9600, 37.4877, -30.6599



176.7760, 26.7324, 12.4744

Triad

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



169.9600, 37.4877, -30.6599



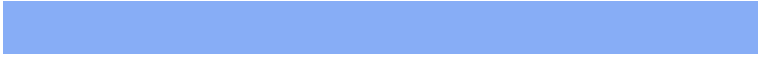
173.8150, -22.5868, 58.0442



157.5470, -6.6787, -51.3457

Complementary

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



169.9600, 37.4877, -30.6599



211.0400, -37.4877, 30.6599

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.



164.5440, -25.4112, -16.2631



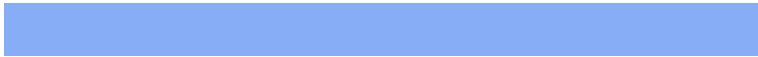
169.9600, 37.4877, -30.6599



171.8440, -33.4471, 41.3558

Square

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



169.9600, 37.4877, -30.6599



175.5930, -5.7153, 59.9929



169.2230, -35.1129, 15.5904



144.0200, 19.2171, -97.3645

Rectangle

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



169.9600, 37.4877, -30.6599



177.9870, 16.7684, 35.0914



169.2230, -35.1129, 15.5904



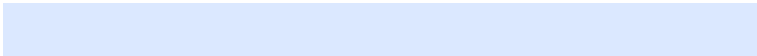
160.7890, -13.7000, -39.2800

Sweetspot

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



169.9600, 37.4877, -30.6599



230.7350, 11.9626, -10.2916



208.3650, -0.6729, -64.3411



112.6170, 7.5838, -5.8031



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.



169.9600, 37.4877, -30.6599



160.3210, 46.6767, -37.9925



152.7370, 45.9787, -0.6463



113.7160, 4.0840, -3.2589



58.7720, 62.7234, -51.5430



18.4660, 19.9833, -16.1947

Inverse Universe

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



172.5210, 0.2361, 64.4411



163.6200, 0.1873, 80.1403



228.2630, -45.9787, 0.6463



114.0440, -0.0217, 6.9774



62.9100, 0.5374, 107.9499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 169.9600, 37.4877, -30.6599 looks on a white background.

Color Contrast Check

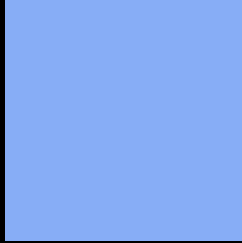
Large Text (above 18pt) WCAG AA × Fail

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 169.9600, 37.4877, -30.6599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

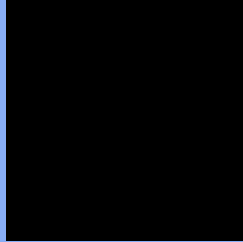
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.9600, 37.4877, -30.6599

Background



This preview shows how black text looks on a background with the YUV color 169.9600, 37.4877, -30.6599.



This preview shows how white text looks on a background with the YUV color 169.9600, 37.4877, -30.6599.

-30.6599.

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

169.9600, 37.4877, -30.6599

Protanopia

172.0430, 34.9818, -20.2087

Deuteranopia

171.5910, 37.1766, -24.1973



Tritanopia

165.4710, 15.5438, -39.0011

Trichromacy



Original Color

169.9600, 37.4877, -30.6599

Protanomaly

171.2490, 35.8662, -23.8974

Deuteranomaly

171.2810, 37.3295, -26.5564

Tritanomaly

167.2570, 23.5373, -36.1824

Monochromacy



Original Color

169.9600, 37.4877, -30.6599

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8920, 13.8572, -11.3063

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9600, 37.4877, -30.6599 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(135, 173, 246)` looks like.

```
.text, #text, p{  
    color:rgb(135, 173, 246)  
}
```

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(135, 173, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 173, 246) }
```

Border

The CSS property to change the border of an element to YUV 169.9600, 37.4877, -30.6599 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(135, 173, 246) }
```


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

```
.border{ border-color:rgb(135, 173, 246) }
```

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

Here you see how a box with a 4 pixel rgb(135, 173, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 173, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 173, 246);  
box-shadow:4px 4px 4px 4px rgb(135, 173,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 169.9600, 37.4877, -30.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 173, 246) }
```

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

```
.background{ background-color: rgb(135,  
173, 246) }
```

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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