

Converting Colors

YUV(161.2970, 36.3356,
-34.4635)

Have a look what the booklet for
YUV(161.2970, 36.3356, -34.4635)
contains.

YUV(161.2970, 36.3356, -34.4635)	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(161.2970, 36.3356,
-34.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA7EB
RGB	122, 167, 235
RGB Percent	48%, 65%, 92%
CMY	0.5216, 0.3451, 0.0784
CMYK	0.48, 0.29, 0.00, 0.08
HSL	216°, 74%, 70%
HSV	216°, 48%, 92%
XYZ	36.8402, 37.7732, 83.9465
YIQ	161.2970, -48.6480, 11.6080

Conversions

Conversions Part 2

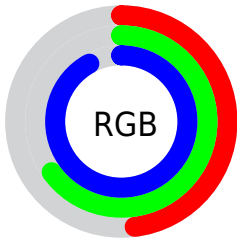
Format	Color
RYB	122, 154, 235
Decimal	8038379
CIELab	67.85, 3.12, -38.82
CIElCh	68, 38.942, 274.596
Yxy	37.7732, 0.2323, 0.2382
Android (android.graphics.Color)	4286228459 (0xFF7AA7EB)
YUV	161.2970, 36.3356, -34.4635
Hunter-Lab	61.4599, -0.5587, -37.9608

Details

The YUV color **161.2970, 36.3356, -34.4635** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **195.7030, -36.3356, 34.4635**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9050, 20.7528, -29.7347**, and **107.0470, 35.4728, -37.7522** is the 20% darker color. If you saturate the color by 10%, you get **145.9030, 43.9248, -42.0109**, and if you desaturate by 10%, it is **176.6910, 28.7463, -26.9160**.

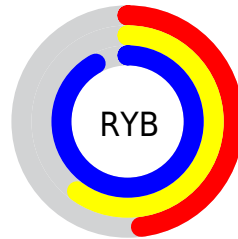
Distribution



Red (48%)

Green (65%)

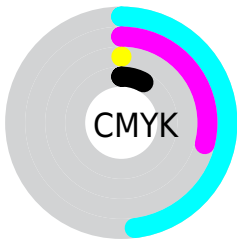
Blue (92%)



Red (48%)

Yellow (60%)

Blue (92%)

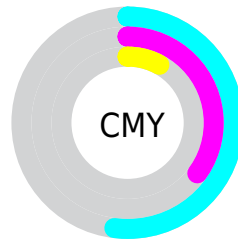


Cyan (48%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (52%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.2970, 36.3356, -34.4635 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 161.2970, 36.3356, -34.4635 by changing the saturation by 10% instead.

■ 161.2970, 36.3356,
-34.4635

■ 161.2970, 36.3356,
-34.4635

255.0000, 0.0000,
0.0000

■ 134.1720, 35.9042,
-36.1078

■ 212.9050, 20.7528,
-29.7347

■ 107.0470, 35.4728,
-37.7522

■ 238.0120, 8.3751,
-26.3205

■ 79.4160, 35.7839,
-44.2148

■ 249.9170, 2.5059,
-10.4512

■ 54.2800, 35.3580,
-47.6036

■ 38.4020, 30.3678,
-33.6786

■ 23.9260, 25.6725,
-20.9831

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 161.2970, 36.3356,
-34.4635

■ 161.2970, 36.3356,
-34.4635

■ 145.9030, 43.9248,
-42.0109

■ 176.6910, 28.7463,
-26.9160

■ 130.8080, 51.3667,
-48.9436

■ 191.7860, 21.3045,
-19.9833

■ 115.7130, 58.8085,
-55.8763

■ 207.1800, 13.7153,
-12.4359

■ 99.7320, 66.6871,
-62.9090

■ 222.8620, 5.9840,
-6.0180

■ 84.3380, 74.2764,
-70.4564

■ 238.2560, -1.6052,
1.5295

■ 81.9680, 75.4448,
-71.8859

■ 250.9590, -7.8678,
3.5440

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



145.4390, 40.7026, -81.9460



161.2970, 36.3356, -34.4635



168.4440, 26.8961, 6.6266

Triad

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



161.2970, 36.3356, -34.4635



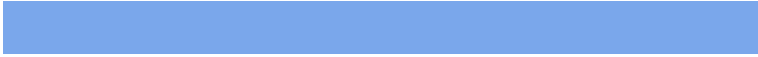
166.9010, -19.6712, 56.2148



152.0210, -8.8844, -43.8684

Complementary

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



161.2970, 36.3356, -34.4635



195.7030, -36.3356, 34.4635

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.



158.4630, -25.8643, -10.9301



161.2970, 36.3356, -34.4635



165.1260, -31.1211, 41.9855

Square

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



161.2970, 36.3356, -34.4635



168.1410, -3.5205, 56.0043



162.2880, -33.6660, 18.1644



141.4410, 14.0796, -82.8248

Rectangle

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



161.2970, 36.3356, -34.4635



169.8830, 17.8057, 29.0436



162.2880, -33.6660, 18.1644



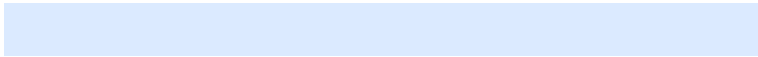
154.6650, -15.6108, -33.0322

Sweetspot

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



161.2970, 36.3356, -34.4635



231.9090, 11.3839, -11.3212



196.0830, -2.9989, -64.9708



113.2040, 7.2944, -6.3179



0.0000, 0.0000, 0.0000



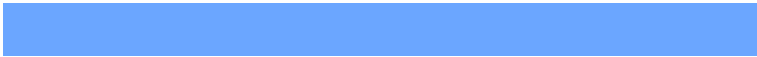
128.0000, 0.0000, 0.0000

Same Dimension

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



161.2970, 36.3356, -34.4635



158.5050, 47.5720, -45.1699



138.1710, 47.7367, -4.5350



109.6020, 3.6472, -3.1590



62.8980, 58.2243, -55.1615



18.4830, 17.5099, -16.2096

Inverse Universe

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



160.9170, 2.9989, 64.9708



157.9780, 3.9548, 85.0883



218.8290, -47.7367, 4.5350



109.7450, 0.1257, 6.3626



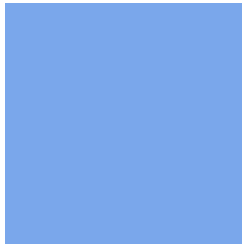
62.3270, 4.7688, 104.0762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 161.2970, 36.3356, -34.4635 looks on a white background.

Color Contrast Check

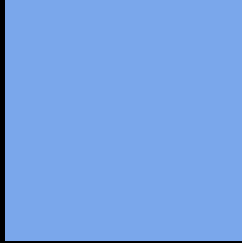
Large Text (above 18pt) WCAG AA × Fail

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 161.2970, 36.3356, -34.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

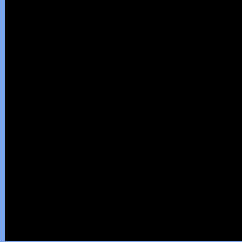
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

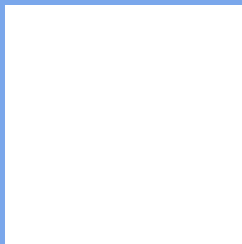
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 161.2970, 36.3356, -34.4635

Background



This preview shows how black text looks on a background with the YUV color 161.2970, 36.3356, -34.4635.



This preview shows how white text looks on a background with the YUV color 161.2970, 36.3356, -34.4635.

-34.4635.

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

161.2970, 36.3356, -34.4635

Protanopia

164.1850, 32.9398, -18.5792

Deuteranopia

163.8470, 35.5714, -22.6678



Tritanopia

157.2640, 16.1388, -43.2045

Trichromacy



Original Color

161.2970, 36.3356, -34.4635

Protanomaly

163.0810, 33.9771, -24.6270

Deuteranomaly

162.6400, 36.1665, -26.8713

Tritanomaly

158.8220, 23.2588, -40.1859

Monochromacy



Original Color

161.2970, 36.3356, -34.4635

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.0660, 13.2785, -12.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.2970, 36.3356, -34.4635 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(122, 167, 235)` looks like.

```
.text, #text, p{  
    color:rgb(122, 167, 235)  
}
```

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(122, 167, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 167, 235) }
```

Border

The CSS property to change the border of an element to YUV 161.2970, 36.3356, -34.4635 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(122, 167, 235) }
```


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

```
.border{ border-color:rgb(122, 167, 235) }
```

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

Here you see how a box with a 4 pixel rgb(122, 167, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 167, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 167, 235);  
box-shadow:4px 4px 4px 4px rgb(122, 167,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 161.2970, 36.3356, -34.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 167, 235) }
```

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

```
.background{ background-color: rgb(122,  
167, 235) }
```

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