

Converting Colors

YUV(167.1710, 37.3837,
-44.0000)

Have a look what the booklet for
YUV(167.1710, 37.3837, -44.0000)
contains.

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Color

**YUV(167.1710, 37.3837,
-44.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	75B2F3
RGB	117, 178, 243
RGB Percent	46%, 70%, 95%
CMY	0.5412, 0.3020, 0.0471
CMYK	0.52, 0.27, 0.00, 0.05
HSL	211°, 84%, 71%
HSV	211°, 52%, 95%
XYZ	39.4342, 42.0938, 90.8405
YIQ	167.1710, -57.2210, 7.2830

Conversions

Conversions Part 2

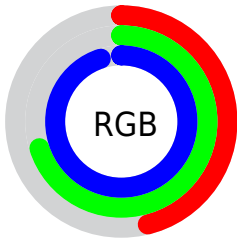
Format	Color
RYB	117, 158, 243
Decimal	7713523
CIELab	70.94, -1.80, -38.39
CIELCh	71, 38.433, 267.311
Yxy	42.0938, 0.2288, 0.2442
Android (android.graphics.Color)	4285903603 (0xFF75B2F3)
YUV	167.1710, 37.3837, -44.0000
Hunter-Lab	64.8797, -5.0464, -37.5984

Details

The YUV color **167.1710, 37.3837, -44.0000** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **192.8290, -37.3837, 44.0000**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7530, 17.8698, -38.3714**, and **111.7250, 37.1106, -49.7478** is the 20% darker color. If you saturate the color by 10%, you get **152.3640, 44.6835, -52.0622**, and if you desaturate by 10%, it is **181.9780, 30.0838, -35.9377**.

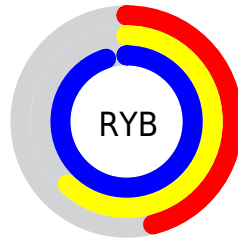
Distribution



Red (46%)

Green (70%)

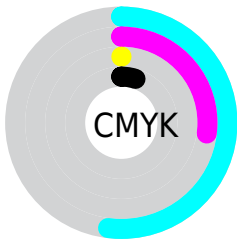
Blue (95%)



Red (46%)

Yellow (62%)

Blue (95%)

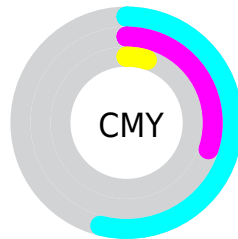


Cyan (52%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (54%)

Magenta (30%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1710, 37.3837, -44.0000 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 167.1710, 37.3837, -44.0000 by changing the saturation by 10% instead.

■ 167.1710, 37.3837,
-44.0000

■ 167.1710, 37.3837,
-44.0000

■ 255.0000, 0.0000,
0.0000

■ 139.0460, 36.9523,
-45.6443

■ 218.7530, 17.8698,
-38.3714

■ 111.7250, 37.1106,
-49.7478

■ 240.0500, 7.3704,
-30.7388

■ 78.9080, 39.4854,
-64.8173

■ 248.7210, 3.0955,
-12.9103

■ 60.3610, 35.8110,
-52.9366

■ 44.4830, 30.8209,
-39.0116

■ 29.4200, 26.4149,
-25.8013

■ 12.5960, 22.8772,

-11.0467

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 167.1710, 37.3837,
-44.0000

■ 167.1710, 37.3837,
-44.0000

■ 152.3640, 44.6835,
-52.0622

■ 181.9780, 30.0838,
-35.9377

■ 137.8450, 51.8414,
-61.2541

■ 196.4970, 22.9260,
-26.7459

■ 123.0380, 59.1413,
-69.3163

■ 211.3040, 15.6261,
-18.6836

■ 108.8180, 66.1517,
-77.8934

■ 225.5240, 8.6157,
-10.1065

■ 96.9680, 71.9938,
-85.0409

■ 240.3310, 1.3158,
-2.0443

■ 252.4580, -4.6628,
2.2293

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



152.0640, 39.4084, -86.8791



167.1710, 37.3837, -44.0000



176.0730, 29.5440, -2.6950

Triad

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



167.1710, 37.3837, -44.0000



175.8240, -16.1822, 57.1594



162.8110, -13.7108, -35.7912

Complementary

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



167.1710, 37.3837, -44.0000



192.8290, -37.3837, 44.0000

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.



167.8230, -28.5067, -3.3528



167.1710, 37.3837, -44.0000



173.8430, -28.5166, 46.6187

Square

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



167.1710, 37.3837, -44.0000



177.7430, 0.1267, 52.8454



171.0330, -33.5403, 24.5271



154.3950, 7.2003, -69.6294

Rectangle

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



167.1710, 37.3837, -44.0000



178.0500, 21.1743, 21.8811



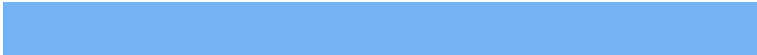
171.0330, -33.5403, 24.5271



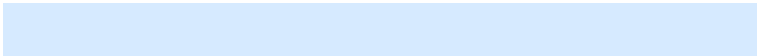
164.3950, -19.4217, -24.0254

Sweetspot

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



167.1710, 37.3837, -44.0000



230.4140, 12.1209, -14.3951



198.1440, -8.9450, -71.1633



112.8940, 7.4473, -8.6770



0.0000, 0.0000, 0.0000



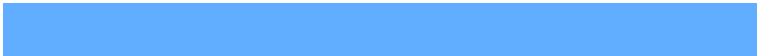
128.0000, 0.0000, 0.0000

Same Dimension

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



167.1710, 37.3837, -44.0000



159.6240, 47.0204, -54.9212



131.3640, 55.0365, -12.5972



114.8900, 3.5052, -4.2885



74.0340, 55.1992, -64.9278



23.1620, 17.6681, -20.3131

Inverse Universe

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



161.6280, 8.0714, 71.3632



152.9060, 9.9063, 89.5364



228.6360, -55.0365, 12.5972



114.2720, 0.8519, 6.7775



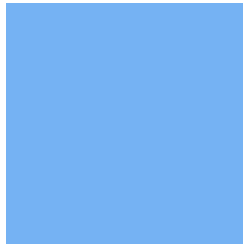
65.8740, 11.8941, 105.3505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 167.1710, 37.3837, -44.0000 looks on a white background.

Color Contrast Check

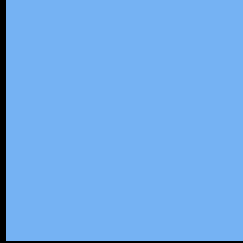
Large Text (above 18pt) WCAG AA × Fail

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 167.1710, 37.3837, -44.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

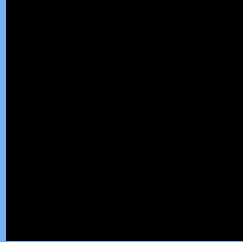
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

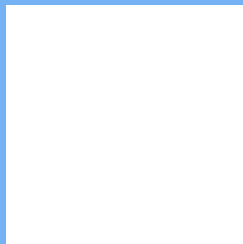
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.1710, 37.3837, -44.0000

Background



This preview shows how black text looks on a background with the YUV color 167.1710, 37.3837, -44.0000.



This preview shows how white text looks on a background with the YUV color 167.1710, 37.3837, -44.0000.

-44.0000.

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

167.1710, 37.3837, -44.0000

Protanopia

172.5550, 31.7714, -17.1497

Deuteranopia

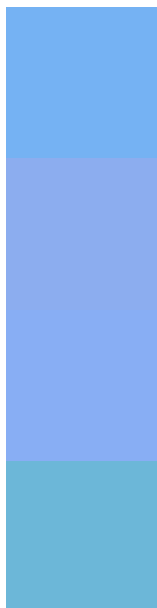
172.2600, 35.8608, -22.1530



Tritanopia

162.8930, 18.7868, -52.5262

Trichromacy



Original Color

167.1710, 37.3837, -44.0000

Protanomaly

170.6570, 33.6931, -26.8862

Deuteranomaly

170.6180, 36.1773, -30.3600

Tritanomaly

164.3370, 25.4699, -49.4075

Monochromacy



Original Color

167.1710, 37.3837, -44.0000

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1580, 13.7261, -15.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1710, 37.3837, -44.0000 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(117, 178, 243)` looks like.

```
.text, #text, p{  
    color:rgb(117, 178, 243)  
}
```

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(117, 178, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 178, 243) }
```

Border

The CSS property to change the border of an element to YUV 167.1710, 37.3837, -44.0000 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

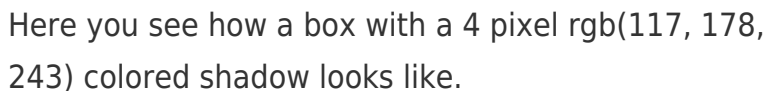
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 178, 243) }
```


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

```
.border{ border-color:rgb(117, 178, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 178, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 178, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 178, 243); box-shadow:4px 4px 4px 4px rgb(117, 178, 243) }
```

Background

The CSS property to change the background color of an element to YUV 167.1710, 37.3837, -44.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 178, 243) }
```

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

```
.background{ background-color: rgb(117,  
178, 243) }
```

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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