

Converting Colors

YUV(167.1820, 37.3783,
-42.2556)

Have a look what the booklet for
YUV(167.1820, 37.3783, -42.2556)
contains.

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Color

**YUV(167.1820, 37.3783,
-42.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	77B1F3
RGB	119, 177, 243
RGB Percent	47%, 69%, 95%
CMY	0.5333, 0.3059, 0.0471
CMYK	0.51, 0.27, 0.00, 0.05
HSL	212°, 84%, 71%
HSV	212°, 51%, 95%
XYZ	39.5076, 41.8373, 90.7872
YIQ	167.1820, -55.7540, 8.2300

Conversions

Conversions Part 2

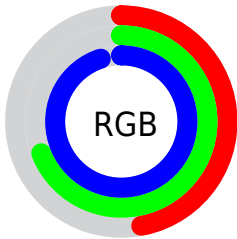
Format	Color
R _Y B	119, 159, 243
Decimal	7844339
CIE Lab	70.76, -0.81, -38.66
CIE LCh	71, 38.667, 268.801
Yxy	41.8373, 0.2295, 0.2431
Android (android.graphics.Color)	4286034419 (0xFF77B1F3)
YUV	167.1820, 37.3783, -42.2556
Hunter-Lab	64.6817, -4.1654, -37.9421

Details

The YUV color **167.1820, 37.3783, -42.2556** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **194.8180, -37.3783, 42.2556**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.1770, 18.1537, -36.1122**, and **112.0350, 36.9577, -47.3887** is the 20% darker color. If you saturate the color by 10%, you get **152.3750, 44.6781, -50.3179**, and if you desaturate by 10%, it is **181.9890, 30.0784, -34.1934**.

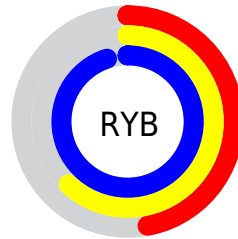
Distribution



Red (47%)

Green (69%)

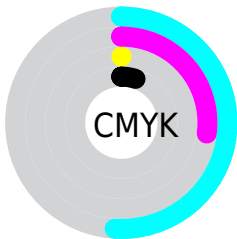
Blue (95%)



Red (47%)

Yellow (62%)

Blue (95%)

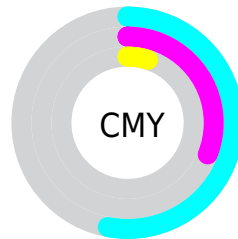


Cyan (51%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1820, 37.3783, -42.2556 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 167.1820, 37.3783, -42.2556 by changing the saturation by 10% instead.

■ 167.1820, 37.3783,
-42.2556

■ 167.1820, 37.3783,
-42.2556

■ 255.0000, 0.0000,
0.0000

■ 139.3560, 36.7995,
-43.2852

■ 218.1770, 18.1537,
-36.1122

■ 112.0350, 36.9577,
-47.3887

■ 240.3490, 7.2229,
-30.1241

■ 81.0120, 38.4481,
-58.7695

■ 249.3190, 2.8007,
-11.6808

■ 59.7740, 36.1004,
-52.4218

■ 43.8960, 31.1103,
-38.4968

■ 28.8330, 26.7043,
-25.2865

■ 12.0090, 23.1666,

-10.5319

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 167.1820, 37.3783,
-42.2556

■ 167.1820, 37.3783,
-42.2556

■ 152.3750, 44.6781,
-50.3179

■ 181.9890, 30.0784,
-34.1934

■ 137.2690, 52.1254,
-58.9949

■ 197.0950, 22.6312,
-25.5163

■ 122.4620, 59.4252,
-67.0572

■ 211.9020, 15.3313,
-17.4541

■ 107.6550, 66.7251,
-75.1194

■ 226.7090, 8.0315,
-9.3918

■ 94.6200, 73.1513,
-82.9817

■ 241.5160, 0.7316,
-1.3295

■ 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.



151.4770, 39.6978, -86.3643



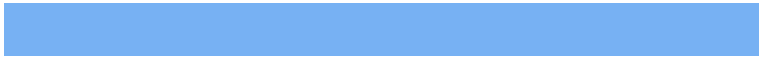
167.1820, 37.3783, -42.2556



175.9700, 29.1018, -0.8507

Triad

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



167.1820, 37.3783, -42.2556



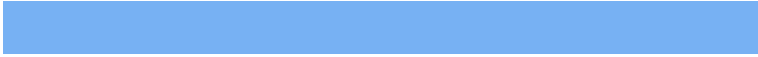
175.0090, -16.7664, 57.8741



161.4410, -12.5424, -37.2208

Complementary

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



167.1820, 37.3783, -42.2556



194.8180, -37.3783, 42.2556

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.



166.9260, -28.0645, -5.1971



167.1820, 37.3783, -42.2556



173.0170, -29.0954, 45.5891

Square

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



167.1820, 37.3783, -42.2556



176.9280, -0.4575, 53.5601



170.9080, -33.9716, 22.8827



153.3130, 8.2267, -72.1885

Rectangle

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



167.1820, 37.3783, -42.2556



177.6480, 20.8795, 23.1107



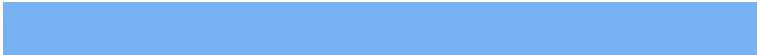
170.9080, -33.9716, 22.8827



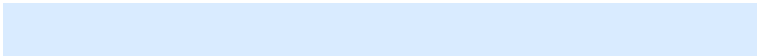
163.6120, -18.5427, -25.9697

Sweetspot

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



167.1820, 37.3783, -42.2556



231.8980, 11.3893, -13.0655



199.0840, -7.9294, -70.2337



113.4920, 7.1524, -7.4475



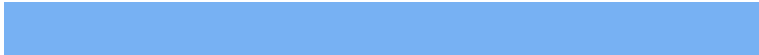
0.0000, 0.0000, 0.0000



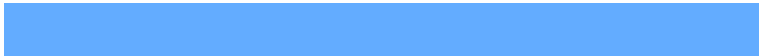
128.0000, 0.0000, 0.0000

Same Dimension

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



167.1820, 37.3783, -42.2556



159.6350, 47.0149, -53.1769



133.7340, 53.8681, -11.1677



114.8900, 3.5052, -4.2885



72.2730, 56.0674, -63.3834



22.5750, 17.9575, -19.7983

Inverse Universe

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



162.6880, 7.0558, 70.4336



153.9660, 8.8908, 88.6068



228.2660, -53.8681, 11.1677



114.2720, 0.8519, 6.7775



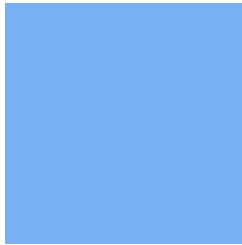
65.5320, 10.5837, 105.6504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 167.1820, 37.3783, -42.2556 looks on a white background.

Color Contrast Check

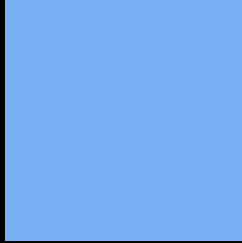
Large Text (above 18pt) WCAG AA × Fail

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 167.1820, 37.3783, -42.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

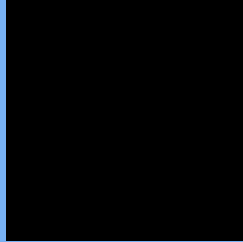
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

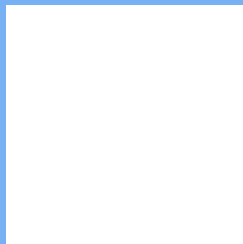
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.1820, 37.3783, -42.2556

Background



This preview shows how black text looks on a background with the YUV color 167.1820, 37.3783, -42.2556.



This preview shows how white text looks on a background with the YUV color 167.1820, 37.3783, -42.2556.

-42.2556.

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

167.1820, 37.3783, -42.2556

Protanopia

172.3700, 32.3556, -17.8645

Deuteranopia

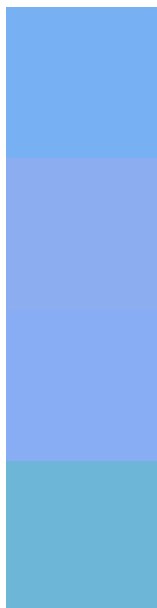
171.8470, 35.5714, -22.6678



Tritanopia

162.7900, 18.3445, -50.6818

Trichromacy



Original Color

167.1820, 37.3783, -42.2556

Protanomaly

170.7710, 34.1299, -26.9862

Deuteranomaly

170.0310, 36.4667, -29.8452

Tritanomaly

164.3480, 25.4644, -47.6632

Monochromacy



Original Color

167.1820, 37.3783, -42.2556

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.4570, 13.5787, -15.3098

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1820, 37.3783, -42.2556 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(119, 177, 243)` looks like.

```
.text, #text, p{  
    color:rgb(119, 177, 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(119, 177, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 177, 243) }
```

Border

The CSS property to change the border of an element to YUV 167.1820, 37.3783, -42.2556 is called "border".

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

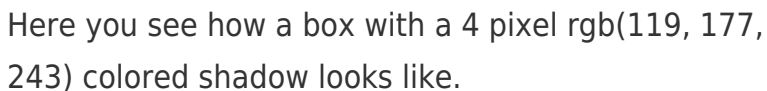
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 177, 243) }
```


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

```
.border{ border-color:rgb(119, 177, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 177, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 177, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 177, 243); box-shadow:4px 4px 4px 4px rgb(119, 177, 243) }
```

Background

The CSS property to change the background color of an element to YUV 167.1820, 37.3783, -42.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 177, 243) }
```

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

```
.background{ background-color: rgb(119,  
177, 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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