

Converting Colors

YUV(170.8240, 33.6108,
-47.2036)

Have a look what the booklet for
YUV(170.8240, 33.6108, -47.2036)
contains.

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Color

**YUV(170.8240, 33.6108,
-47.2036)**

Conversions

Conversions Part 1

Format	Color
Hex	75B9EF
RGB	117, 185, 239
RGB Percent	46%, 73%, 94%
CMY	0.5412, 0.2745, 0.0627
CMYK	0.51, 0.23, 0.00, 0.06
HSL	207°, 79%, 70%
HSV	207°, 51%, 94%
XYZ	40.2651, 44.7118, 88.1694
YIQ	170.8240, -57.8620, 2.3780

Conversions

Conversions Part 2

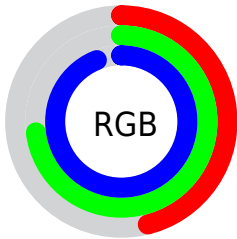
Format	Color
R_{YB}	117, 161, 239
Decimal	7715311
CIE _{Lab}	72.70, -6.81, -33.48
CIE _{LCh}	73, 34.168, 258.495
Yxy	44.7118, 0.2325, 0.2582
Android (android.graphics.Color)	4285905391 (0xFF75B9EF)
YUV	170.8240, 33.6108, -47.2036
Hunter-Lab	66.8669, -9.5302, -31.3718

Details

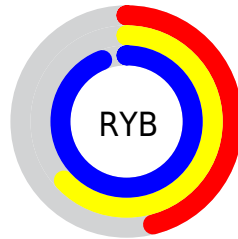
The YUV color **170.8240, 33.6108, -47.2036** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **185.1760, -33.6108, 47.2036**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.8620, 15.8440, -41.9750**, and **115.0900, 33.4796, -51.8219** is the 20% darker color. If you saturate the color by 10%, you get **157.1910, 40.3318, -56.2955**, and if you desaturate by 10%, it is **184.4570, 26.8897, -38.1118**.

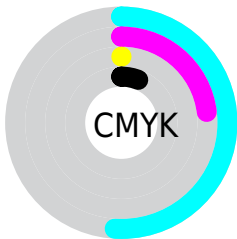
Distribution



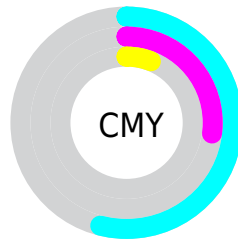
- Red (46%)
- Green (73%)
- Blue (94%)



- Red (46%)
- Yellow (63%)
- Blue (94%)



- Cyan (51%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8240, 33.6108, -47.2036 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 170.8240, 33.6108, -47.2036 by changing the saturation by 10% instead.

■ 170.8240, 33.6108,
-47.2036

■ 170.8240, 33.6108,
-47.2036

255.0000, 0.0000,
0.0000

■ 143.1120, 33.4688,
-48.3332

■ 222.8620, 15.8440,
-41.9750

■ 115.0900, 33.4796,
-51.8219

■ 239.7510, 7.5178,
-31.3536

■ 83.2840, 35.8490,
-65.1471

■ 248.7210, 3.0955,
-12.9103

■ 63.5410, 32.7643,
-55.7255

■ 47.0760, 28.0635,
-41.2857

■ 32.0130, 23.6576,
-28.0754

■ 17.0640, 19.6884,

-14.9651

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 170.8240, 33.6108,
-47.2036

■ 170.8240, 33.6108,
-47.2036

■ 157.1910, 40.3318,
-56.2955

■ 184.4570, 26.8897,
-38.1118

■ 144.1450, 46.7635,
-65.9022

■ 197.5030, 20.4580,
-28.5051

■ 130.5120, 53.4846,
-74.9940

■ 211.1360, 13.7370,
-19.4133

■ 117.4660, 59.9163,
-84.6007

■ 224.1820, 7.3053,
-9.8066

■ 105.3170, 65.9057,
-92.3630

■ 237.5160, 0.7316,
-1.3295

■ 249.0670, -4.9630,
5.2032

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



161.2630, 30.9293, -73.8987



170.8240, 33.6108, -47.2036



179.0780, 28.5555, -12.3464

Triad

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



170.8240, 33.6108, -47.2036



181.2840, -10.4930, 52.3709



170.3890, -16.9538, -22.2662

Complementary

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



170.8240, 33.6108, -47.2036



185.1760, -33.6108, 47.2036

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.



174.6930, -27.9496, 4.6542



170.8240, 33.6108, -47.2036



179.6240, -22.9856, 45.9338

Square

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



170.8240, 33.6108, -47.2036



182.8280, 4.5218, 43.1238



177.3910, -29.7728, 29.4751



165.2680, -0.1321, -51.1010

Rectangle

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



170.8240, 33.6108, -47.2036



181.9130, 22.2279, 10.6003



177.3910, -29.7728, 29.4751



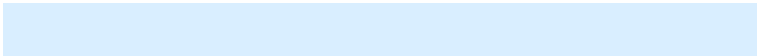
172.0050, -21.2015, -13.1594

Sweetspot

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



170.8240, 33.6108, -47.2036



233.6590, 10.5211, -14.6099



194.6560, -12.1554, -68.1043



114.6660, 6.5737, -8.4771



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.



170.8240, 33.6108, -47.2036



167.8530, 42.9635, -60.3841



135.6040, 50.9742, -16.3157



113.4770, 3.2158, -4.8033



80.8500, 50.8529, -70.9055



24.5810, 15.4896, -21.5575

Inverse Universe

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



161.2300, 11.7186, 68.2043



155.5620, 15.0059, 87.2071



220.3960, -50.9742, 16.3157



112.3860, 1.2887, 6.6775



66.6440, 17.4305, 102.9212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 170.8240, 33.6108, -47.2036 looks on a white background.

Color Contrast Check

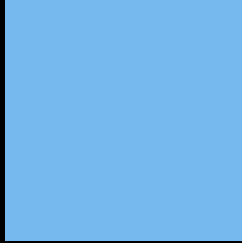
Large Text (above 18pt) WCAG AA × Fail

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 170.8240, 33.6108, -47.2036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

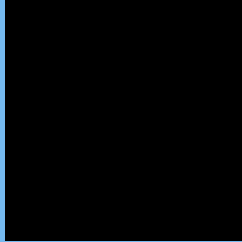
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8240, 33.6108, -47.2036

Background



This preview shows how black text looks on a background with the YUV color 170.8240, 33.6108, -47.2036.



This preview shows how white text looks on a background with the YUV color 170.8240, 33.6108, -47.2036.

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

170.8240, 33.6108, -47.2036

Protanopia

177.6110, 26.8138, -13.6908

Deuteranopia

177.7400, 31.1872, -16.4350



Tritanopia

167.2950, 19.0816, -53.7557

Trichromacy



Original Color

170.8240, 33.6108, -47.2036

Protanomaly

175.5170, 29.3251, -25.8864

Deuteranomaly

175.4890, 31.8039, -27.6159

Tritanomaly

168.6850, 24.3123, -51.4667

Monochromacy



Original Color

170.8240, 33.6108, -47.2036

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8050, 12.4211, -17.3690

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8240, 33.6108, -47.2036 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, 185, 239)` looks like.

```
.text, #text, p{  
    color:rgb(117, 185, 239)  
}
```

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, 185, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 185, 239) }
```

Border

The CSS property to change the border of an element to YUV 170.8240, 33.6108, -47.2036 is called "border".

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

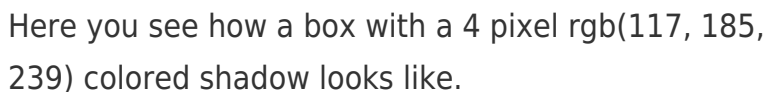
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 185, 239) }
```


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

```
.border{ border-color:rgb(117, 185, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 185, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 185, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 185, 239); box-shadow:4px 4px 4px 4px rgb(117, 185, 239) }
```

Background

The CSS property to change the background color of an element to YUV 170.8240, 33.6108, -47.2036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 185, 239) }
```

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

```
.background{ background-color: rgb(117,  
185, 239) }
```

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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