

Converting Colors

YUV(169.4550, 33.2997,
-40.7410)

Have a look what the booklet for
YUV(169.4550, 33.2997, -40.7410)
contains.

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Color

**YUV(169.4550, 33.2997,
-40.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB4ED
RGB	123, 180, 237
RGB Percent	48%, 71%, 93%
CMY	0.5176, 0.2941, 0.0706
CMYK	0.48, 0.24, 0.00, 0.07
HSL	210°, 76%, 71%
HSV	210°, 48%, 93%
XYZ	39.7757, 42.9679, 86.3180
YIQ	169.4550, -52.2690, 5.6430

Conversions

Conversions Part 2

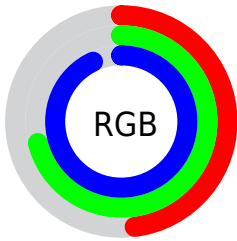
Format	Color
RYB	123, 161, 237
Decimal	8107245
CIELab	71.53, -3.31, -34.18
CIELCh	72, 34.342, 264.477
Yxy	42.9679, 0.2353, 0.2542
Android (android.graphics.Color)	4286297325 (0xFF7BB4ED)
YUV	169.4550, 33.2997, -40.7410
Hunter-Lab	65.5499, -6.3985, -32.1898

Details

The YUV color $169.4550, 33.2997, -40.7410$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $190.5450, -33.2997, 40.7410$, and the grayscale version is $169.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.4220, 16.5540, -36.3271$, and $114.6180, 32.7263, -43.5150$ is the 20% darker color. If you saturate the color by 10%, you get $155.2350, 40.3101, -49.3181$, and if you desaturate by 10%, it is $183.6750, 26.2892, -32.1640$.

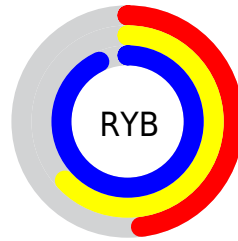
Distribution



Red (48%)

Green (71%)

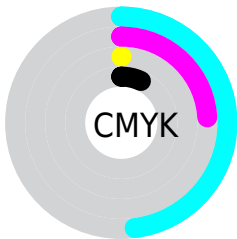
Blue (93%)



Red (48%)

Yellow (63%)

Blue (93%)

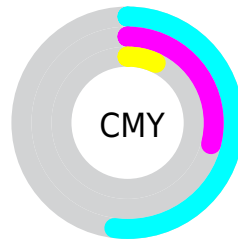


Cyan (48%)

Magenta (24%)

Yellow (0%)

Black (7%)



Cyan (52%)

Magenta (29%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4550, 33.2997, -40.7410 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 169.4550, 33.2997, -40.7410 by changing the saturation by 10% instead.

■ 169.4550, 33.2997,
-40.7410

■ 169.4550, 33.2997,
-40.7410

■ 255.0000, 0.0000,
0.0000

■ 141.7430, 33.1577,
-41.8706

■ 221.4220, 16.5540,
-36.3271

■ 114.6180, 32.7263,
-43.5150

■ 241.5450, 6.6333,
-27.6650

■ 86.6880, 33.1848,
-50.5924

■ 250.2160, 2.3585,
-9.8364

■ 60.9650, 33.0483,
-53.4663

■ 44.5000, 28.3475,
-39.0265

■ 29.4370, 23.9416,
-25.8162

■ 13.9010, 20.2618,

-12.1912

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 169.4550, 33.2997,
-40.7410

■ 169.4550, 33.2997,
-40.7410

■ 155.2350, 40.3101,
-49.3181

■ 183.6750, 26.2892,
-32.1640

■ 141.3140, 47.1732,
-57.2804

■ 197.5960, 19.4262,
-24.2017

■ 127.0940, 54.1837,
-65.8574

■ 211.8160, 12.4157,
-15.6246

■ 113.4610, 60.9047,
-74.9493

■ 225.4490, 5.6946,
-6.5328

■ 99.2410, 67.9152,
-83.5264

■ 239.6690, -1.3158,
2.0443

■ 96.2840, 69.3730,
-84.4411

■ 250.6000, -6.7048,
3.8588

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



159.3280, 32.3763, -71.3247



169.4550, 33.2997, -40.7410



176.7800, 27.2235, -5.0691

Triad

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



169.4550, 33.2997, -40.7410



177.8880, -13.2558, 51.8412



166.1540, -13.8799, -28.1991

Complementary

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



169.4550, 33.2997, -40.7410



190.5450, -33.2997, 40.7410

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.



170.4150, -26.3336, -0.3640



169.4550, 33.2997, -40.7410



176.3310, -25.3062, 43.5597

Square

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



169.4550, 33.2997, -40.7410



179.3400, 1.3114, 46.1828



173.6570, -29.9039, 24.8568



160.5600, 3.6679, -56.6191

Rectangle

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



169.4550, 33.2997, -40.7410



179.3760, 20.0276, 16.3332



173.6570, -29.9039, 24.8568



167.6560, -18.5644, -18.9923

Sweetspot

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



169.4550, 33.2997, -40.7410



233.6700, 10.5157, -12.8656



196.4160, -8.0931, -64.3858



114.9650, 6.4263, -7.8623



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.



169.4550, 33.2997, -40.7410



167.3100, 43.2312, -52.8919



135.9960, 49.7950, -11.3975



110.1890, 3.3578, -3.6738



74.0510, 52.7259, -64.9427



22.0050, 15.7735, -19.2984

Inverse Universe

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



163.5840, 8.0931, 64.3858



159.6880, 10.5068, 83.5886



224.0040, -49.7950, 11.3975



109.8590, 0.5625, 6.2627



64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 169.4550, 33.2997, -40.7410 looks on a white background.

Color Contrast Check

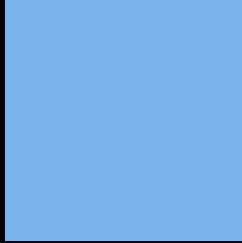
Large Text (above 18pt) WCAG AA × Fail

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 169.4550, 33.2997, -40.7410 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

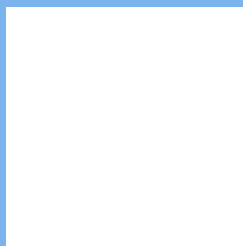
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.4550, 33.2997, -40.7410

Background



This preview shows how black text looks on a background with the YUV color 169.4550, 33.2997, -40.7410.



This preview shows how white text looks on a background with the YUV color 169.4550, 33.2997, -40.7410.

-40.7410.

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

169.4550, 33.2997, -40.7410

Protanopia

174.5400, 27.8348, -14.5056

Deuteranopia

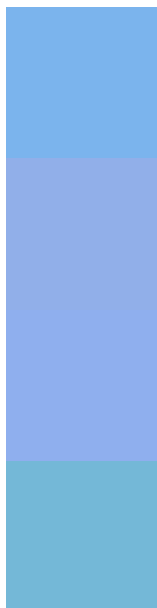
174.5550, 31.7714, -17.1497



Tritanopia

165.6980, 17.8969, -47.0931

Trichromacy



Original Color

169.4550, 33.2997, -40.7410

Protanomaly

172.6420, 29.7565, -24.2420

Deuteranomaly

172.6140, 32.2353, -25.9715

Tritanomaly

167.2020, 23.5644, -44.9042

Monochromacy



Original Color

169.4550, 33.2997, -40.7410

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1150, 12.2683, -15.0099

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4550, 33.2997, -40.7410 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(123, 180, 237)` looks like.

```
.text, #text, p{  
    color:rgb(123, 180, 237)  
}
```

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(123, 180, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 180, 237) }
```

Border

The CSS property to change the border of an element to YUV 169.4550, 33.2997, -40.7410 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(123, 180, 237) }
```


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

```
.border{ border-color:rgb(123, 180, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 180, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 180, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 180, 237);  
box-shadow:4px 4px 4px 4px rgb(123, 180,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 169.4550, 33.2997, -40.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 180, 237) }
```

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

```
.background{ background-color: rgb(123,  
180, 237) }
```

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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