

Converting Colors

YUV(169.3310, 37.7978,
-83.6053)

Have a look what the booklet for
YUV(169.3310, 37.7978, -83.6053)
contains.

YUV(169.3310, 37.7978, -83.6053)	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(169.3310, 37.7978,
-83.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	4ACBF6
RGB	74, 203, 246
RGB Percent	29%, 80%, 96%
CMY	0.7098, 0.2039, 0.0353
CMYK	0.70, 0.17, 0.00, 0.04
HSL	195°, 91%, 63%
HSV	195°, 70%, 96%
XYZ	40.8145, 50.8215, 94.8472
YIQ	169.3310, -90.6870, -13.9750

Conversions

Conversions Part 2

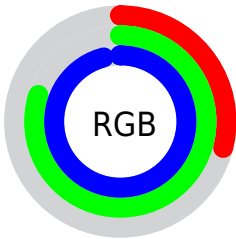
Format	Color
RYB	74, 148, 246
Decimal	4901878
CIELab	76.57, -21.79, -31.40
CIElCh	77, 38.223, 235.242
Yxy	50.8215, 0.2189, 0.2725
Android (android.graphics.Color)	4283091958 (0xFF4ACBF6)
YUV	169.3310, 37.7978, -83.6053
Hunter-Lab	71.2892, -22.5613, -28.9803

Details

The YUV color **169.3310, 37.7978, -83.6053** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **150.6690, -37.7978, 83.6053**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **109.1230, 39.8724, -95.7009** is the 20% darker color. If you saturate the color by 10%, you get **158.3340, 43.2193, -95.8859**, and if you desaturate by 10%, it is **180.3280, 32.3763, -71.3247**.

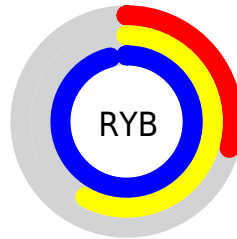
Distribution



Red (29%)

Green (80%)

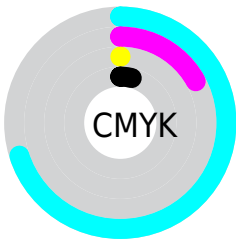
Blue (96%)



Red (29%)

Yellow (58%)

Blue (96%)

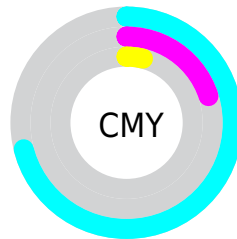


Cyan (70%)

Magenta (17%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (20%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.3310, 37.7978, -83.6053 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 169.3310, 37.7978, -83.6053 by changing the saturation by 10% instead.

169.3310, 37.7978,
-83.6053

169.3310, 37.7978,
-83.6053

255.0000, 0.0000,
0.0000

134.3400, 40.7514,
-97.6452

221.2130, 16.6570,
-69.4698

109.1230, 39.8724,
-95.7009

230.4820, 12.0874,
-50.4117

90.6690, 35.1662,
-79.5167

239.7510, 7.5178,
-31.3536

73.0300, 31.0442,
-64.0473

249.0200, 2.9481,
-12.2955

55.9780, 26.6328,
-49.0927

39.7410, 22.8057,
-34.8529

25.2650, 18.1104,

-22.1574

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 169.3310, 37.7978,
-83.6053

■ 169.3310, 37.7978,
-83.6053

■ 158.3340, 43.2193,
-95.8859

■ 180.3280, 32.3763,
-71.3247

■ 147.6360, 48.4935,
-107.5518

■ 191.0260, 27.1022,
-59.6588

■ 136.6390, 53.9150,
-119.8324

■ 202.0230, 21.6807,
-47.3782

■ 213.3080, 16.1172,
-36.2271

■ 224.3050, 10.6956,
-23.9465

■ 235.3020, 5.2741,
-11.6659

■ 246.0000, 0.0000,
0.0000

■ 252.2130, -3.0630,
2.4442

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



164.2900, 26.4790, -93.2163



169.3310, 37.7978, -83.6053



181.8180, 36.0787, -45.4444

Triad

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



169.3310, 37.7978, -83.6053



193.0850, 1.4371, 52.5455



183.6060, -29.3858, -1.4085

Complementary

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



169.3310, 37.7978, -83.6053



150.6690, -37.7978, 83.6053

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.



187.2290, -34.1299, 26.9862



169.3310, 37.7978, -83.6053



190.8670, -14.7244, 56.2446

Square

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



169.3310, 37.7978, -83.6053



194.1820, 17.6583, 29.6584



189.8540, -28.5220, 48.3630



178.6650, -15.6108, -33.0322

Rectangle

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



169.3310, 37.7978, -83.6053



188.4840, 32.7924, -17.9645



189.8540, -28.5220, 48.3630



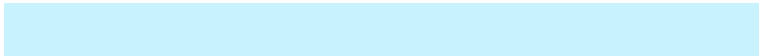
185.2760, -32.1811, 8.5279

Sweetspot

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



169.3310, 37.7978, -83.6053



231.2230, 11.7221, -26.5056



179.8660, -30.9929, -92.8445



113.7360, 7.0322, -15.5545



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.



169.3310, 37.7978, -83.6053



159.3160, 47.1722, -103.7631



118.8490, 62.6854, -39.3326



116.6510, 2.6371, -5.8329



103.3840, 40.7297, -90.6678



32.5540, 13.0379, -28.5499

Inverse Universe

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



140.1340, 30.9929, 92.8445



123.2260, 38.3426, 115.5658



201.1510, -62.6854, 39.3326



114.6140, 2.1623, 6.4775



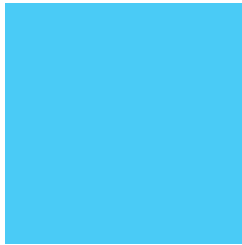
71.5740, 33.7340, 100.3516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 169.3310, 37.7978, -83.6053 looks on a white background.

Color Contrast Check

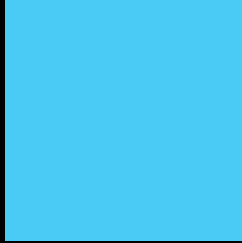
Large Text (above 18pt) WCAG AA × Fail

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 169.3310, 37.7978, -83.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

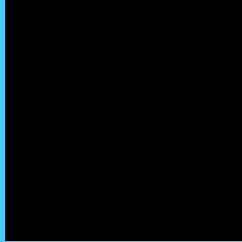
Any Text WCAG AA ✓ Pass

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 169.3310, 37.7978, -83.6053 Background



This preview shows how black text looks on a background with the YUV color 169.3310, 37.7978, -83.6053.



This preview shows how white text looks on a background with the YUV color 169.3310, 37.7978, -83.6053.

-83.6053.

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

169.3310, 37.7978, -83.6053

Protanopia

188.3680, 22.0036, -10.8467

Deuteranopia

188.2240, 30.4556, -15.1054



Tritanopia

164.6860, 29.2418, -92.6866

Trichromacy



Original Color

169.3310, 37.7978, -83.6053

Protanomaly

181.3970, 27.9053, -37.1822

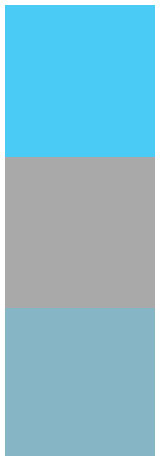
Deuteranomaly

181.7540, 33.1523, -40.1263

Tritanomaly

166.5060, 32.2885, -89.8978

Monochromacy



Original Color

169.3310, 37.7978, -83.6053

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.7710, 13.9169, -30.4942

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3310, 37.7978, -83.6053 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(74, 203, 246)` looks like.

```
.text, #text, p{  
    color:rgb(74, 203, 246)  
}
```

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(74, 203, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 203, 246) }
```

Border

The CSS property to change the border of an element to YUV 169.3310, 37.7978, -83.6053 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(74, 203, 246) }
```


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

```
.border{ border-color:rgb(74, 203, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 203, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 203, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 203, 246);  
box-shadow:4px 4px 4px 4px rgb(74, 203,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 169.3310, 37.7978, -83.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 203, 246) }
```

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

```
.background{ background-color: rgb(74, 203,  
246) }
```

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