

Converting Colors

YUV(163.8850, 37.5247,
-89.3531)

Have a look what the booklet for
YUV(163.8850, 37.5247, -89.3531)
contains.

YUV(163.8850, 37.5247, -89.3531)	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(163.8850, 37.5247,
-89.3531)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC9F0
RGB	62, 201, 240
RGB Percent	24%, 79%, 94%
CMY	0.7569, 0.2118, 0.0588
CMYK	0.74, 0.16, 0.00, 0.06
HSL	193°, 86%, 59%
HSV	193°, 74%, 94%
XYZ	38.6014, 49.0887, 89.8786
YIQ	163.8850, -95.3630, -17.3390

Conversions

Conversions Part 2

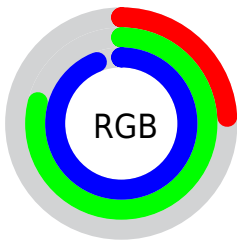
Format	Color
R _{YB}	62, 140, 240
Decimal	4114928
CIE _{Lab}	75.51, -24.15, -29.84
CIE _{LCh}	76, 38.390, 231.020
Y _{xy}	49.0887, 0.2174, 0.2764
Android (android.graphics.Color)	4282305008 (0xFF3EC9F0)
YUV	163.8850, 37.5247, -89.3531
Hunter-Lab	70.0633, -24.2661, -27.0141

Details

The YUV color **163.8850, 37.5247, -89.3531** 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 **138.1150, -37.5247, 89.3531**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **107.2650, 37.8304, -94.0714** is the 20% darker color. If you saturate the color by 10%, you get **153.7740, 42.5094, -101.5338**, and if you desaturate by 10%, it is **173.9960, 32.5400, -77.1725**.

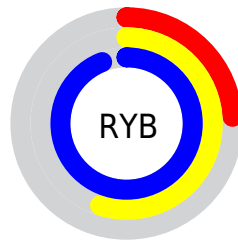
Distribution



Red (24%)

Green (79%)

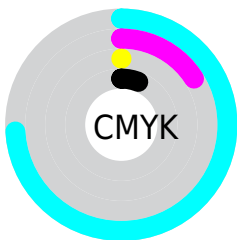
Blue (94%)



Red (24%)

Yellow (55%)

Blue (94%)

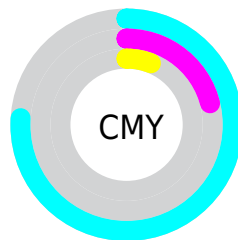


Cyan (74%)

Magenta (16%)

Yellow (0%)

Black (6%)



Cyan (76%)

Magenta (21%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8850, 37.5247, -89.3531 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 163.8850, 37.5247, -89.3531 by changing the saturation by 10% instead.

163.8850, 37.5247,
-89.3531

163.8850, 37.5247,
-89.3531

255.0000, 0.0000,
0.0000

126.3060, 42.2471,
-110.7704

218.5220, 17.9837,
-75.0028

107.2650, 37.8304,
-94.0714

228.0900, 13.2666,
-55.3299

88.9250, 33.5610,
-77.9872

237.3590, 8.6970,
-36.2718

71.2860, 29.4390,
-62.5178

246.6280, 4.1274,
-17.2138

54.2340, 25.0276,
-47.5632

37.9970, 21.2005,
-33.3234

24.2220, 16.6526,

-21.2427

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 163.8850, 37.5247,
-89.3531

■ 163.8850, 37.5247,
-89.3531

■ 153.7740, 42.5094,
-101.5338

■ 173.9960, 32.5400,
-77.1725

■ 143.0760, 47.7835,
-113.1997

■ 184.6940, 27.2659,
-65.5066

■ 137.1290, 50.7154,
-120.2621

■ 194.8050, 22.2811,
-53.3260

■ 204.9160, 17.2964,
-41.1453

■ 215.0270, 12.3117,
-28.9647

■ 225.7250, 7.0376,
-17.2988

■ 235.8360, 2.0529,
-5.1182

■ 245.9470, -2.9319,
7.0625

■ 249.1810, -4.5262,
5.1033

Harmonies

Analogous

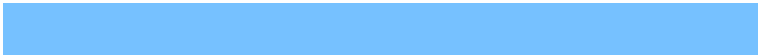
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.0190, 24.1476, -92.1017



163.8850, 37.5247, -89.3531



177.6430, 38.1370, -52.3069

Triad

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



163.8850, 37.5247, -89.3531



190.6440, 3.6265, 50.3012



181.2860, -30.7070, 2.3802

Complementary

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



163.8850, 37.5247, -89.3531



138.1150, -37.5247, 89.3531

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.



184.3650, -33.7039, 30.3749



163.8850, 37.5247, -89.3531



188.6330, -13.1301, 58.2039

Square

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



163.8850, 37.5247, -89.3531



190.7300, 19.8531, 25.6698



186.9190, -27.0751, 50.9370



176.4160, -17.9531, -28.4288

Rectangle

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



163.8850, 37.5247, -89.3531



184.6080, 34.7033, -24.2122



186.9190, -27.0751, 50.9370



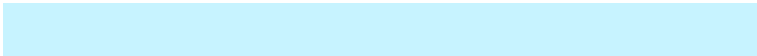
182.4830, -32.7761, 12.7314

Sweetspot

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



163.8850, 37.5247, -89.3531



231.2120, 11.7275, -28.2499



170.9320, -34.4765, -95.5334



113.1380, 7.3270, -16.7840



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.



163.8850, 37.5247, -89.3531



157.7770, 47.9309, -113.8144



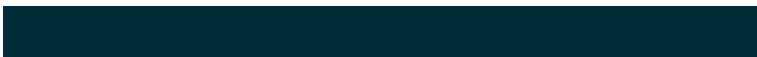
111.6420, 63.2805, -43.5360



114.6510, 2.6371, -5.8329



104.9170, 38.9879, -92.0122



32.2120, 11.7275, -28.2499

Inverse Universe

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



131.0680, 34.4765, 95.5334



116.0510, 43.8519, 121.8583



190.3580, -63.2805, 43.5360



112.6140, 2.1623, 6.4775



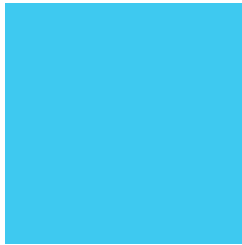
71.3180, 35.3392, 98.8221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 163.8850, 37.5247, -89.3531 looks on a white background.

Color Contrast Check

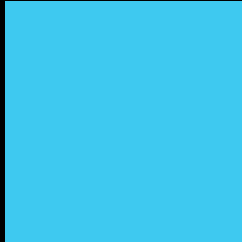
Large Text (above 18pt) WCAG AA × Fail

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 163.8850, 37.5247, -89.3531 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 163.8850, 37.5247, -89.3531 Background



This preview shows how black text looks on a background with the YUV color 163.8850, 37.5247, -89.3531.

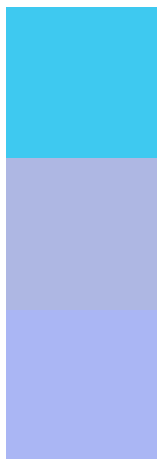


This preview shows how white text looks on a background with the YUV color 163.8850, 37.5247, -89.3531.

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

163.8850, 37.5247, -89.3531

Protanopia

185.3250, 20.5458, -9.9320

Deuteranopia

185.4800, 28.8504, -13.5760



Tritanopia

158.6960, 30.7159, -98.8344

Trichromacy



Original Color

163.8850, 37.5247, -89.3531



Protanomaly

177.7450, 26.7477, -39.2414



Deuteranomaly

177.8140, 32.1367, -41.0559



Tritanomaly

160.7010, 33.1784, -95.3308

Monochromacy



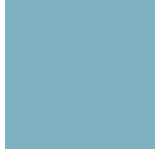
Original Color

163.8850, 37.5247, -89.3531



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.7600, 13.9223, -32.2385

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8850, 37.5247, -89.3531 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(62, 201, 240)` looks like.

```
.text, #text, p{  
    color:rgb(62, 201, 240)  
}
```

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(62, 201, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 201, 240) }
```

Border

The CSS property to change the border of an element to YUV 163.8850, 37.5247, -89.3531 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(62, 201, 240) }
```


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

```
.border{ border-color:rgb(62, 201, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 201, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(62, 201,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 163.8850, 37.5247, -89.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 201, 240) }
```

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

```
.background{ background-color: rgb(62, 201,  
240) }
```

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