

Converting Colors

YUV(137.9310, 34.5440,
-66.5915)

Have a look what the booklet for
YUV(137.9310, 34.5440, -66.5915)
contains.

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Color

**YUV(137.9310, 34.5440,
-66.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	3EA3D0
RGB	62, 163, 208
RGB Percent	24%, 64%, 82%
CMY	0.7569, 0.3608, 0.1843
CMYK	0.70, 0.22, 0.00, 0.18
HSL	198°, 61%, 53%
HSV	198°, 70%, 82%
XYZ	26.4690, 31.7726, 64.4122
YIQ	137.9310, -74.6410, -7.4170

Conversions

Conversions Part 2

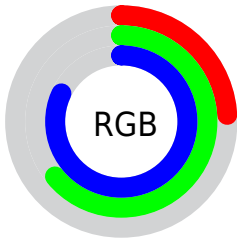
Format	Color
R_{YB}	62, 122, 208
Decimal	4105168
CIE _{Lab}	63.15, -14.67, -31.42
CIE _{LCh}	63, 34.675, 244.974
Yxy	31.7726, 0.2158, 0.2590
Android (android.graphics.Color)	4282295248 (0xFF3EA3D0)
YUV	137.9310, 34.5440, -66.5915
Hunter-Lab	56.3672, -14.8223, -28.2951

Details

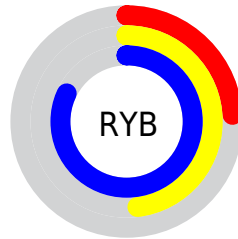
The YUV color **137.9310, 34.5440, -66.5915** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **132.0690, -34.5440, 66.5915**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7100, 29.7230, -60.2587**, and **82.5990, 34.7077, -72.4393** is the 20% darker color. If you saturate the color by 10%, you get **128.1300, 39.3759, -76.4130**, and if you desaturate by 10%, it is **147.7320, 29.7121, -56.7700**.

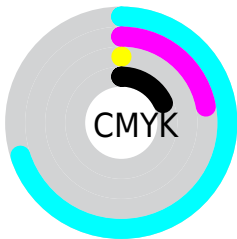
Distribution



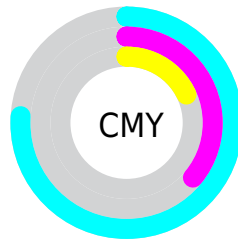
- Red (24%)
- Green (64%)
- Blue (82%)



- Red (24%)
- Yellow (48%)
- Blue (82%)



- Cyan (70%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (76%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9310, 34.5440, -66.5915 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 137.9310, 34.5440, -66.5915 by changing the saturation by 10% instead.

■ 137.9310, 34.5440,
-66.5915

■ 137.9310, 34.5440,
-66.5915

■ 255.0000, 0.0000,
0.0000

■ 104.2280, 37.3556,
-81.7610

■ 194.7100, 29.7230,
-60.2587

■ 82.5990, 34.7077,
-72.4393

■ 220.1160, 17.1978,
-56.2297

■ 65.5470, 30.2963,
-57.4847

■ 234.3690, 10.1711,
-42.4196

■ 49.1960, 26.0324,
-43.1449

■ 243.3390, 5.7489,
-23.9763

■ 33.5460, 21.9158,
-29.4198

■ 252.6080, 1.1793,
-4.9182

■ 19.1840, 17.6573,
-16.8244

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 137.9310, 34.5440,
-66.5915

■ 137.9310, 34.5440,
-66.5915

■ 128.1300, 39.3759,
-76.4130

■ 147.7320, 29.7121,
-56.7700

■ 117.7420, 44.4972,
-85.7197

■ 158.1200, 24.5908,
-47.4632

■ 108.2400, 49.1817,
-94.9265

■ 167.6220, 19.9064,
-38.2565

■ 178.0100, 14.7851,
-28.9498

■ 187.8110, 9.9532,
-19.1282

■ 197.6120, 5.1213,
-9.3067

■ 208.0000, 0.0000,
0.0000

■ 217.5020, -4.6845,
9.2067

■ 227.8900, -9.8058,
18.5135

Harmonies

Analogous

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



125.3160, 30.4102, -94.1161



137.9310, 34.5440, -66.5915



149.7770, 31.6619, -28.7454

Triad

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



137.9310, 34.5440, -66.5915



156.0970, -3.4988, 49.0269



146.3860, -22.3753, -9.9855

Complementary

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



137.9310, 34.5440, -66.5915



132.0690, -34.5440, 66.5915

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.



150.4170, -29.2926, 15.4203



137.9310, 34.5440, -66.5915



154.7260, -17.6129, 49.3523

Square

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



137.9310, 34.5440, -66.5915



157.1950, 11.2429, 34.0320



152.8310, -27.0317, 36.9822



141.6950, -7.7376, -38.3205

Rectangle

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



137.9310, 34.5440, -66.5915



154.6660, 26.7867, -4.9691



152.8310, -27.0317, 36.9822



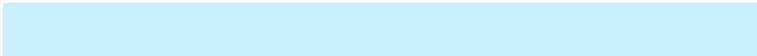
148.2300, -25.7494, -1.0787

Sweetspot

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



137.9310, 34.5440, -66.5915



228.8750, 12.8796, -24.4464



152.7180, -23.0320, -79.5597



112.5620, 7.6109, -14.5249



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.



137.9310, 34.5440, -66.5915



152.2720, 50.6449, -97.5855



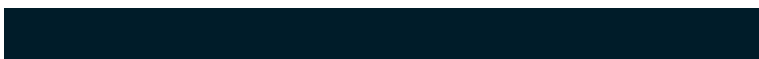
95.6670, 55.3802, -29.5260



99.3630, 2.7790, -4.7034



87.2440, 39.8127, -76.5130



21.1100, 9.8058, -18.5135

Inverse Universe

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



117.1680, 22.5952, 79.6597



121.8580, 33.1010, 116.7655



174.3330, -55.3802, 29.5260



98.0870, 1.4361, 6.0627



63.4560, 25.9042, 91.6851



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 137.9310, 34.5440, -66.5915 looks on a white background.

Color Contrast Check

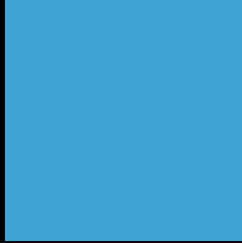
Large Text (above 18pt) WCAG AA × Fail

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 137.9310, 34.5440, -66.5915 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 137.9310, 34.5440, -66.5915 Background



This preview shows how black text looks on a background with the YUV color 137.9310, 34.5440, -66.5915.



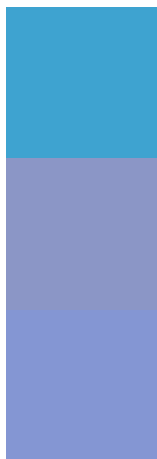
This preview shows how white text looks on a background with the YUV color 137.9310, 34.5440,

-66.5915.

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

137.9310, 34.5440, -66.5915

Protanopia

152.1830, 22.5878, -11.5615

Deuteranopia

151.5720, 29.2980, -17.1646



Tritanopia

132.1070, 24.1042, -78.1468

Trichromacy



Original Color

137.9310, 34.5440, -66.5915

Protanomaly

147.2020, 27.0154, -31.7492

Deuteranomaly

146.9180, 31.0994, -35.0081

Tritanomaly

134.1660, 28.0192, -73.8136

Monochromacy



Original Color

137.9310, 34.5440, -66.5915

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7610, 12.4428, -24.3464

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9310, 34.5440, -66.5915 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, 163, 208)` looks like.

```
.text, #text, p{  
    color:rgb(62, 163, 208)  
}
```

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, 163, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 163, 208) }
```

Border

The CSS property to change the border of an element to YUV 137.9310, 34.5440, -66.5915 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, 163, 208) }
```


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

```
.border{ border-color:rgb(62, 163, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 163, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 163, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 163, 208);  
box-shadow:4px 4px 4px 4px rgb(62, 163,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 137.9310, 34.5440, -66.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 163, 208) }
```

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

```
.background{ background-color: rgb(62, 163,  
208) }
```

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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