

Converting Colors

YUV(137.2550, 53.1183,
-97.5706)

Have a look what the booklet for
YUV(137.2550, 53.1183, -97.5706)
contains.

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Color

**YUV(137.2550, 53.1183,
-97.5706)**

Conversions

Conversions Part 1

Format	Color
Hex	1AADF5
RGB	26, 173, 245
RGB Percent	10%, 68%, 96%
CMY	0.8980, 0.3216, 0.0392
CMYK	0.89, 0.29, 0.00, 0.04
HSL	200°, 92%, 53%
HSV	200°, 89%, 96%
XYZ	31.8510, 36.6993, 91.7912
YIQ	137.2550, -110.7240, -8.7720

Conversions

Conversions Part 2

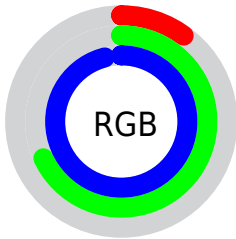
Format	Color
R _Y B	26, 114, 245
Decimal	1748469
CIE Lab	67.05, -10.68, -45.74
CIE LCh	67, 46.974, 256.855
Yxy	36.6993, 0.1986, 0.2289
Android (android.graphics.Color)	4279938549 (0xFF1AADF5)
YUV	137.2550, 53.1183, -97.5706
Hunter-Lab	60.5800, -12.1654, -47.4306

Details

The YUV color **137.2550, 53.1183, -97.5706** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **133.7450, -53.1183, 97.5706**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2910, 28.4505, -72.1692**, and **92.4590, 47.1017, -81.0865** is the 20% darker color. If you saturate the color by 10%, you get **125.0840, 59.1186, -108.8217**, and if you desaturate by 10%, it is **149.1270, 47.2654, -86.9344**.

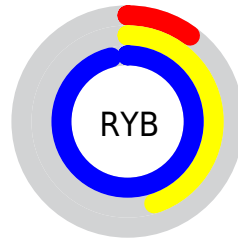
Distribution



Red (10%)

Green (68%)

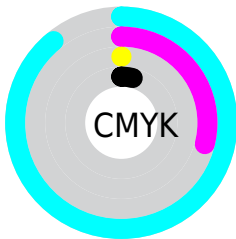
Blue (96%)



Red (10%)

Yellow (45%)

Blue (96%)

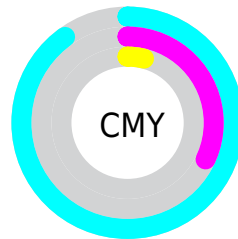


Cyan (89%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (90%)

Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2550, 53.1183, -97.5706 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 137.2550, 53.1183, -97.5706 by changing the saturation by 10% instead.

■ 137.2550, 53.1183,
-97.5706

■ 137.2550, 53.1183,
-97.5706

255.0000, 0.0000,
0.0000

■ 110.9130, 51.8079,
-97.2707

■ 197.2910, 28.4505,
-72.1692

■ 92.4590, 47.1017,
-81.0865

■ 223.3060, 15.6251,
-65.1664

■ 74.7060, 42.5429,
-65.5172

■ 232.8740, 10.9081,
-45.4935

■ 58.1270, 37.4054,
-50.9774

■ 242.1430, 6.3385,
-26.4354

■ 42.3630, 32.8520,
-37.1524

■ 251.7110, 1.6215,
-6.7625

■ 27.7730, 27.7199,
-24.3569

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 137.2550, 53.1183,
-97.5706

■ 137.2550, 53.1183,
-97.5706

■ 125.0840, 59.1186,
-108.8217

■ 149.1270, 47.2654,
-86.9344

■ 124.1980, 59.5554,
-108.9216

■ 161.2980, 41.2651,
-75.6833

■ 173.1700, 35.4122,
-65.0471

■ 185.3410, 29.4119,
-53.7961

■ 197.2130, 23.5590,
-43.1598

■ 209.3840, 17.5587,
-31.9088

■ 221.2560, 11.7058,
-21.2725

■ 233.4270, 5.7055,
-10.0215

■ 245.2990, -0.1474,
0.6148

Harmonies

Analogous

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



132.3700, 45.1736, -116.0885



137.2550, 53.1183, -97.5706



162.1120, 40.3708, -22.0232

Triad

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



137.2550, 53.1183, -97.5706



164.4540, -11.5628, 68.8848



151.2110, -23.7680, -30.0030

Complementary

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



137.2550, 53.1183, -97.5706



133.7450, -53.1183, 97.5706

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.



156.9570, -38.4328, 7.0537



137.2550, 53.1183, -97.5706



163.0020, -29.5810, 61.3882

Square

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



137.2550, 53.1183, -97.5706



166.6540, 8.5516, 57.3084



160.8130, -39.8408, 38.7520



138.3630, 2.2860, -80.1254

Rectangle

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



137.2550, 53.1183, -97.5706



167.0300, 31.5372, 11.3747



160.8130, -39.8408, 38.7520



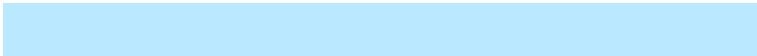
153.3930, -29.7737, -17.0077

Sweetspot

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



137.2550, 53.1183, -97.5706



220.8680, 16.8271, -30.5792



162.4190, -33.2376, -119.6395



107.5230, 10.0952, -17.9987



0.0000, 0.0000, 0.0000



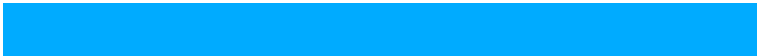
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.2550, 53.1183, -97.5706



129.4470, 61.8976, -113.5250



74.4460, 84.0831, -42.4871



116.0640, 2.9264, -5.3181



94.5790, 45.0706, -82.9458



29.6190, 14.4848, -25.9759

Inverse Universe

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



108.2390, 31.9272, 119.9394



95.7390, 37.1037, 139.6719



196.5540, -84.0831, 42.4871



114.5000, 1.7255, 6.5775



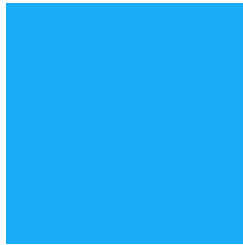
69.8640, 27.1820, 101.8513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 137.2550, 53.1183, -97.5706 looks on a white background.

Color Contrast Check

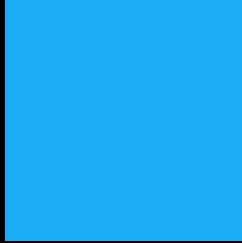
Large Text (above 18pt) WCAG AA × Fail

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 137.2550, 53.1183, -97.5706 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

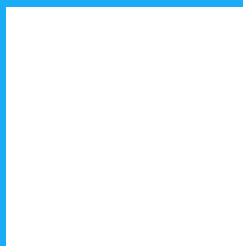
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.2550, 53.1183, -97.5706

Background



This preview shows how black text looks on a background with the YUV color 137.2550, 53.1183, -97.5706.

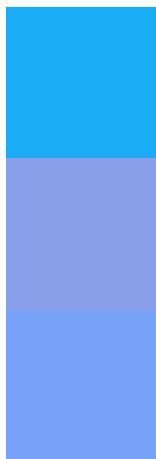


This preview shows how white text looks on a background with the YUV color 137.2550, 53.1183, -97.5706.

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

137.2550, 53.1183, -97.5706

Protanopia

161.2710, 35.8554, -20.4087

Deuteranopia

159.2460, 43.7557, -34.4187



Tritanopia

127.7760, 32.6484, -112.0596

Trichromacy



Original Color

137.2550, 53.1183, -97.5706

Protanomaly

152.4030, 42.1993, -48.5884

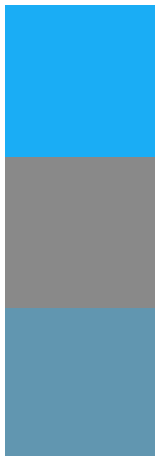
Deuteranomaly

151.3140, 47.1732, -57.2804

Tritanomaly

130.8720, 40.4891, -106.8817

Monochromacy



Original Color

137.2550, 53.1183, -97.5706

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1170, 19.1693, -35.1826

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2550, 53.1183, -97.5706 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(26, 173, 245)` looks like.

```
.text, #text, p{  
    color:rgb(26, 173, 245)  
}
```

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(26, 173, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 173, 245) }
```

Border

The CSS property to change the border of an element to YUV 137.2550, 53.1183, -97.5706 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(26, 173, 245) }
```


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

```
.border{ border-color:rgb(26, 173, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 173, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 173, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 173, 245);  
box-shadow:4px 4px 4px 4px rgb(26, 173,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 137.2550, 53.1183, -97.5706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 173, 245) }
```

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

```
.background{ background-color: rgb(26, 173,  
245) }
```

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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