

Converting Colors

YUV(137.2370, 10.2362,
-63.3518)

Have a look what the booklet for
YUV(137.2370, 10.2362, -63.3518)
contains.

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Color

**YUV(137.2370, 10.2362,
-63.3518)**

Conversions

Conversions Part 1

Format	Color
Hex	41AA9E
RGB	65, 170, 158
RGB Percent	25%, 67%, 62%
CMY	0.7451, 0.3333, 0.3804
CMYK	0.62, 0.00, 0.07, 0.33
HSL	173°, 45%, 46%
HSV	173°, 62%, 67%
XYZ	22.7263, 32.3419, 37.3926
YIQ	137.2370, -58.7280, -25.9920

Conversions

Conversions Part 2

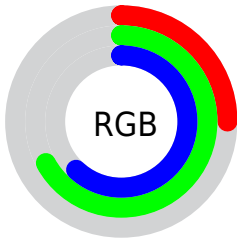
Format	Color
RYB	65, 121, 170
Decimal	4303518
CIELab	63.62, -32.87, -2.77
CIELCh	64, 32.989, 184.823
Yxy	32.3419, 0.2458, 0.3498
Android (android.graphics.Color)	4282493598 (0xFF41AA9E)
YUV	137.2370, 10.2362, -63.3518
Hunter-Lab	56.8699, -28.1905, 0.8252

Details

The YUV color **137.2370, 10.2362, -63.3518** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97.7630, -10.2362, 63.3518**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0200, 9.3571, -61.4075**, and **80.8770, 12.8786, -70.9291** is the 20% darker color. If you saturate the color by 10%, you get **131.9260, 11.8685, -73.6031**, and if you desaturate by 10%, it is **142.5480, 8.6038, -53.1006**.

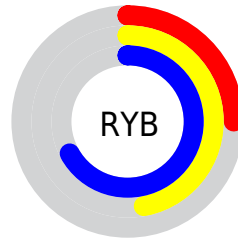
Distribution



Red (25%)

Green (67%)

Blue (62%)



Red (25%)

Yellow (47%)

Blue (67%)

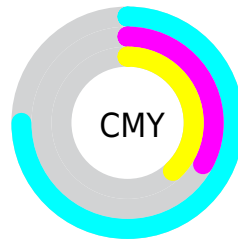


Cyan (62%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (75%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2370, 10.2362, -63.3518 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 137.2370, 10.2362, -63.3518 by changing the saturation by 10% instead.

■ 137.2370, 10.2362,
-63.3518

■ 137.2370, 10.2362,
-63.3518

■ 255.0000, 0.0000,
0.0000

■ 107.6600, 11.9996,
-68.9848

■ 194.0200, 9.3571,
-61.4075

■ 80.8770, 12.8786,
-70.9291

■ 222.9060, 8.9203,
-61.3076

■ 63.4660, 9.6303,
-55.6597

■ 233.1730, 10.7607,
-44.8787

■ 46.7560, 6.5293,
-41.0050

■ 241.8440, 6.4859,
-27.0502

■ 30.7470, 3.5757,
-26.9651

■ 250.8140, 2.0637,
-8.6069

■ 14.9660, 1.4958,
-13.1252

■ 0.0000, 0.0000,

0.0000

■ 137.2370, 10.2362,
-63.3518

■ 137.2370, 10.2362,
-63.3518

■ 131.9260, 11.8685,
-73.6031

■ 142.5480, 8.6038,
-53.1006

■ 126.6150, 13.5008,
-83.8544

■ 147.8590, 6.9715,
-42.8493

■ 121.3040, 15.1331,
-94.1056

■ 153.1700, 5.3392,
-32.5981

■ 117.0040, 16.7600,
-102.6125

■ 158.4810, 3.7069,
-22.3468

■ 163.7920, 2.0745,
-12.0956

■ 169.1030, 0.4422,
-1.8443

■ 174.4140, -1.1901,
8.4069

■ 179.7250, -2.8224,
18.6582

■ 184.9220, -4.8915,
29.0094

Harmonies

Analogous

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



143.7060, -7.7431, -36.5762



137.2370, 10.2362, -63.3518



133.0790, 26.5831, -79.8763

Triad

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



137.2370, 10.2362, -63.3518



157.1790, 22.0968, 5.9820



154.1620, -25.7159, 34.9379

Complementary

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



137.2370, 10.2362, -63.3518



97.7630, -10.2362, 63.3518

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.



155.9430, -16.7339, 47.4080



137.2370, 10.2362, -63.3518



158.0700, 10.8115, 32.3876

Square

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



137.2370, 10.2362, -63.3518



151.0330, 30.0567, -27.2159



157.0860, -3.4934, 47.2826



151.7590, -27.9822, 15.1204

Rectangle

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



137.2370, 10.2362, -63.3518



137.6980, 31.2079, -69.8951



157.0860, -3.4934, 47.2826



154.4770, -23.4062, 40.8007

Sweetspot

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



137.2370, 10.2362, -63.3518



208.8720, 4.0071, -25.3207



130.2230, -32.1549, -46.6766



103.8840, 2.5222, -15.6843



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



137.2370, 10.2362, -63.3518



170.7980, 15.8756, -98.9238



115.1250, 27.0534, -43.9596



81.4940, 0.7425, -4.8182



101.8100, 14.3907, -89.2874



13.7920, 2.0745, -12.0956

Inverse Universe

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



97.7630, -10.2362, 63.3518



109.0880, -16.3124, 99.0238



119.8750, -27.0534, 43.9596



78.5060, -0.7425, 4.8182



46.1900, -14.3907, 89.2874



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 137.2370, 10.2362, -63.3518 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 137.2370, 10.2362, -63.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

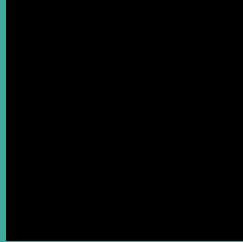
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

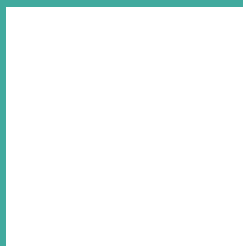
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.2370, 10.2362, -63.3518

Background



This preview shows how black text looks on a background with the YUV color 137.2370, 10.2362, -63.3518.

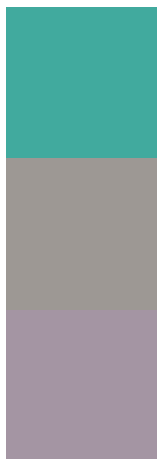


This preview shows how white text looks on a background with the YUV color 137.2370, 10.2362, -63.3518.

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

137.2370, 10.2362, -63.3518

Protanopia

153.0390, -2.4842, 3.4738

Deuteranopia

155.0810, 3.9041, 7.8220



Tritanopia

140.6750, 19.3872, -58.4740

Trichromacy



Original Color

137.2370, 10.2362, -63.3518

Protanomaly

147.7370, 2.1017, -20.8173

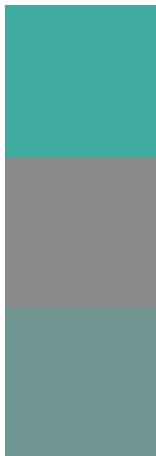
Deuteranomaly

148.7850, 6.0220, -18.2284

Tritanomaly

139.4530, 16.0457, -60.0333

Monochromacy



Original Color

137.2370, 10.2362, -63.3518

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1820, 3.8543, -22.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2370, 10.2362, -63.3518 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(65, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(65, 170, 158)  
}
```

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(65, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 170, 158) }
```

Border

The CSS property to change the border of an element to YUV 137.2370, 10.2362, -63.3518 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(65, 170, 158) }
```


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

```
.border{ border-color:rgb(65, 170, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 170, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 170, 158);  
box-shadow:4px 4px 4px 4px rgb(65, 170,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 137.2370, 10.2362, -63.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 170, 158) }
```

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

```
.background{ background-color: rgb(65, 170,  
158) }
```

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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