

Converting Colors

YUV(137.3040, 5.2731,
-58.1486)

Have a look what the booklet for
YUV(137.3040, 5.2731, -58.1486)
contains.

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Color

**YUV(137.3040, 5.2731,
-58.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	47A994
RGB	71, 169, 148
RGB Percent	28%, 66%, 58%
CMY	0.7216, 0.3373, 0.4196
CMYK	0.58, 0.00, 0.12, 0.34
HSL	167°, 41%, 47%
HSV	167°, 58%, 66%
XYZ	22.1318, 31.8536, 32.9989
YIQ	137.3040, -51.6670, -27.3070

Conversions

Conversions Part 2

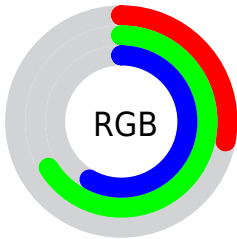
Format	Color
RYB	71, 126, 169
Decimal	4696468
CIELab	63.22, -33.87, 2.25
CIElCh	63, 33.941, 176.203
Yxy	31.8536, 0.2544, 0.3662
Android (android.graphics.Color)	4282886548 (0xFF47A994)
YUV	137.3040, 5.2731, -58.1486
Hunter-Lab	56.4390, -28.7720, 4.8415

Details

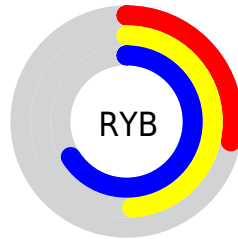
The YUV color **137.3040, 5.2731, -58.1486** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **102.6960, -5.2731, 58.1486**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3750, 4.2521, -57.3339**, and **79.1500, 8.8000, -69.4146** is the 20% darker color. If you saturate the color by 10%, you get **131.7650, 6.0319, -68.1999**, and if you desaturate by 10%, it is **142.8430, 4.5144, -48.0973**.

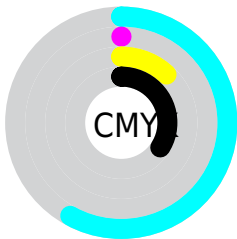
Distribution



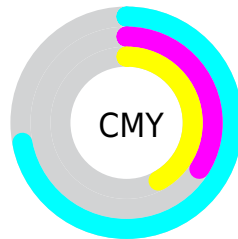
- Red (28%)
- Green (66%)
- Blue (58%)



- Red (28%)
- Yellow (49%)
- Blue (66%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)



- Cyan (72%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3040, 5.2731, -58.1486 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 137.3040, 5.2731, -58.1486 by changing the saturation by 10% instead.

■ 137.3040, 5.2731,
-58.1486

■ 137.3040, 5.2731,
-58.1486

■ 255.0000, 0.0000,
0.0000

■ 108.9230, 6.4470,
-61.3225

■ 193.3750, 4.2521,
-57.3339

■ 79.1500, 8.8000,
-69.4146

■ 222.2610, 3.8153,
-57.2339

■ 61.8530, 5.9885,
-54.2451

■ 234.0700, 10.3185,
-43.0344

■ 45.1430, 2.8875,
-39.5904

■ 242.7410, 6.0437,
-25.2059

■ 29.2480, 0.3707,
-25.6505

■ 251.7110, 1.6215,
-6.7625

■ 12.4240, -3.1670,
-10.8958

■ 0.0000, 0.0000,

0.0000

■ 137.3040, 5.2731,
-58.1486

■ 137.3040, 5.2731,
-58.1486

■ 131.7650, 6.0319,
-68.1999

■ 142.8430, 4.5144,
-48.0973

■ 126.3400, 7.2274,
-78.3512

■ 148.2680, 3.3189,
-37.9460

■ 120.8010, 7.9861,
-88.4025

■ 153.8070, 2.5601,
-27.8947

■ 115.3760, 9.1816,
-98.5538

■ 159.2320, 1.3646,
-17.7435

■ 114.3650, 9.1871,
-100.2981

■ 164.4720, 0.7533,
-8.3069

■ 170.0110, -0.0054,
1.7444

■ 175.4360, -1.2009,
11.8956

■ 180.9750, -1.9597,
21.9469

■ 186.5140, -2.7184,
31.9982

Harmonies

Analogous

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



143.7840, -12.7115, -29.6286



137.3040, 5.2731, -58.1486



129.4760, 24.4153, -84.6095

Triad

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



137.3040, 5.2731, -58.1486



155.0360, 25.6183, -3.5396



153.2490, -24.2798, 41.0006

Complementary

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



137.3040, 5.2731, -58.1486



102.6960, -5.2731, 58.1486

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.



154.8770, -13.2504, 50.0969



137.3040, 5.2731, -58.1486



157.3620, 14.6115, 26.8695

Square

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



137.3040, 5.2731, -58.1486



147.2380, 32.4207, -38.7967



156.5140, 0.7326, 45.1532



151.4610, -29.3143, 22.3977

Rectangle

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



137.3040, 5.2731, -58.1486



131.4360, 31.8301, -82.8204



156.5140, 0.7326, 45.1532



153.7810, -21.0910, 44.9191

Sweetspot

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



137.3040, 5.2731, -58.1486



207.0250, 1.9597, -21.9469



134.8050, -31.4559, -37.5400



102.8520, 1.0590, -13.0252



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.3040, 5.2731, -58.1486



169.4910, 8.1389, -90.7616



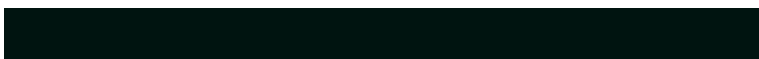
123.2620, 22.5488, -45.8338



81.3800, 0.3057, -4.7183



100.1000, 7.8387, -87.7877



13.5640, 1.2009, -11.8956

Inverse Universe

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



102.6960, -5.2731, 58.1486



115.5090, -8.1389, 90.7616



116.7380, -22.5488, 45.8338



78.6200, -0.3057, 4.7183



47.9000, -7.8387, 87.7877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 137.3040, 5.2731, -58.1486 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 137.3040, 5.2731, -58.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

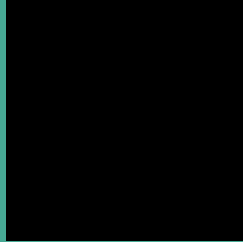
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 137.3040, 5.2731, -58.1486

Background



This preview shows how black text looks on a background with the YUV color 137.3040, 5.2731, -58.1486.

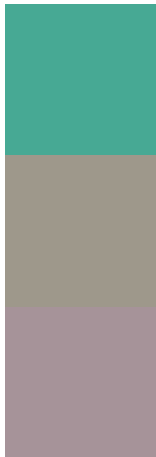


This preview shows how white text looks on a background with the YUV color 137.3040, 5.2731, -58.1486.

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

137.3040, 5.2731, -58.1486

Protanopia

152.3120, -6.5628, 4.9884

Deuteranopia

153.3650, -0.1799, 11.0809



Tritanopia

141.6650, 17.9132, -52.3262

Trichromacy



Original Color

137.3040, 5.2731, -58.1486

Protanomaly

146.6080, -2.2717, -18.0732

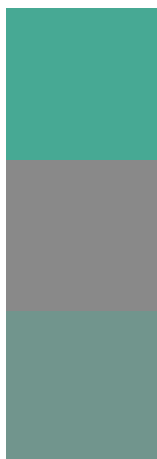
Deuteranomaly

147.3680, 1.7906, -14.3547

Tritanomaly

139.8020, 13.4086, -54.2004

Monochromacy



Original Color

137.3040, 5.2731, -58.1486

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.3240, 1.8123, -21.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3040, 5.2731, -58.1486 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(71, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(71, 169, 148)  
}
```

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(71, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 169, 148) }
```

Border

The CSS property to change the border of an element to YUV 137.3040, 5.2731, -58.1486 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(71, 169, 148) }
```


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

```
.border{ border-color:rgb(71, 169, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 169, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 169, 148);  
box-shadow:4px 4px 4px 4px rgb(71, 169,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 137.3040, 5.2731, -58.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 169, 148) }
```

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

```
.background{ background-color: rgb(71, 169,  
148) }
```

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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