

Converting Colors

YUV(137.4840, 5.6774,
-47.7825)

Have a look what the booklet for
YUV(137.4840, 5.6774, -47.7825)
contains.

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Color

**YUV(137.4840, 5.6774,
-47.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	53A395
RGB	83, 163, 149
RGB Percent	33%, 64%, 58%
CMY	0.6745, 0.3608, 0.4157
CMYK	0.49, 0.00, 0.09, 0.36
HSL	170°, 33%, 48%
HSV	170°, 49%, 64%
XYZ	22.0893, 30.2033, 33.0994
YIQ	137.4840, -43.1860, -21.3140

Conversions

Conversions Part 2

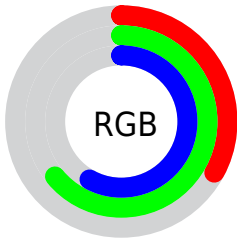
Format	Color
RYB	83, 127, 163
Decimal	5481365
CIELab	61.83, -28.06, -0.29
CIELCh	62, 28.063, 180.590
Yxy	30.2033, 0.2587, 0.3537
Android (android.graphics.Color)	4283671445 (0xFF53A395)
YUV	137.4840, 5.6774, -47.7825
Hunter-Lab	54.9575, -24.4305, 2.7616

Details

The YUV color **137.4840, 5.6774, -47.7825** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **108.5160, -5.6774, 47.7825**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3700, 5.2406, -47.6825**, and **83.2060, 7.2934, -52.8007** is the 20% darker color. If you saturate the color by 10%, you get **132.3580, 6.7255, -57.3190**, and if you desaturate by 10%, it is **142.6100, 4.6293, -38.2460**.

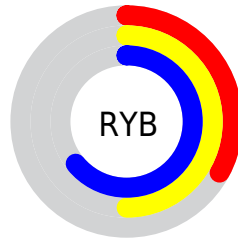
Distribution



Red (33%)

Green (64%)

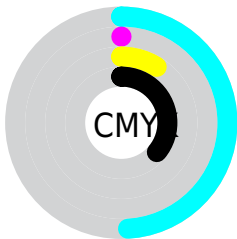
Blue (58%)



Red (33%)

Yellow (50%)

Blue (64%)

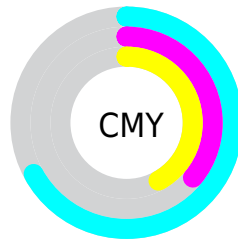


Cyan (49%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (67%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4840, 5.6774, -47.7825 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 137.4840, 5.6774, -47.7825 by changing the saturation by 10% instead.

■ 137.4840, 5.6774,
-47.7825

■ 137.4840, 5.6774,
-47.7825

■ 255.0000, 0.0000,
0.0000

■ 110.2990, 6.2616,
-48.4972

■ 192.3700, 5.2406,
-47.6825

■ 83.2060, 7.2934,
-52.8007

■ 220.9570, 4.9512,
-48.1973

■ 59.0320, 7.8722,
-51.7711

■ 236.7610, 8.9918,
-37.5014

■ 42.3220, 4.7713,
-37.1164

■ 245.4320, 4.7170,
-19.6729

■ 27.0140, 1.9651,
-23.6913

■ 254.1030, 0.4422,
-1.8443

■ 8.4290, -0.7045,
-7.3922

■ 0.0000, 0.0000,

0.0000

■ 137.4840, 5.6774,
-47.7825

■ 137.4840, 5.6774,
-47.7825

■ 132.3580, 6.7255,
-57.3190

■ 142.6100, 4.6293,
-38.2460

■ 126.9330, 7.9210,
-67.4702

■ 148.0350, 3.4337,
-28.0947

■ 121.8070, 8.9691,
-77.0067

■ 153.1610, 2.3856,
-18.5582

■ 116.7950, 10.4541,
-86.6432

■ 158.1730, 0.9007,
-8.9217

■ 111.3700, 11.6496,
-96.7945

■ 163.5980, -0.2948,
1.2296

■ 110.9570, 11.3602,
-97.3093

■ 168.7240, -1.3429,
10.7661

■ 173.8500, -2.3910,
20.3026

■ 178.9760, -3.4392,
29.8390

■ 184.4010, -4.6347,
39.9903

Harmonies

Analogous

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



141.8320, -8.7912, -27.0397



137.4840, 5.6774, -47.7825



135.2620, 19.0978, -58.9888

Triad

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



137.4840, 5.6774, -47.7825



151.5760, 19.9290, 1.2488



149.7040, -21.0531, 32.7086

Complementary

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



137.4840, 5.6774, -47.7825



108.5160, -5.6774, 47.7825

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.



151.5230, -13.0758, 40.7603



137.4840, 5.6774, -47.7825



153.2000, 10.2544, 24.3806

Square

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



137.4840, 5.6774, -47.7825



146.8930, 25.6888, -26.2162



152.9000, -1.4297, 38.6757



147.9100, -23.6196, 15.8649

Rectangle

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



137.4840, 5.6774, -47.7825



137.3640, 24.4705, -55.5702



152.9000, -1.4297, 38.6757



150.5950, -19.0273, 36.3122

Sweetspot

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



137.4840, 5.6774, -47.7825



201.7480, 2.0962, -19.0730



134.4450, -25.3624, -31.9623



100.9770, 1.4903, -11.3808



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



137.4840, 5.6774, -47.7825



172.1170, 8.8163, -74.6476



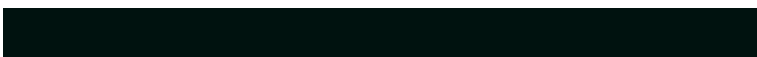
124.4050, 19.0273, -36.3122



79.0810, 0.4531, -5.3330



98.7950, 10.4541, -86.6432



12.2760, 1.3429, -10.7661

Inverse Universe

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



108.5160, -5.6774, 47.7825



126.8830, -8.8163, 74.6476



121.5950, -19.0273, 36.3122



75.9190, -0.4531, 5.3330



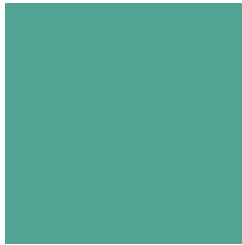
46.2050, -10.4541, 86.6432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 137.4840, 5.6774, -47.7825 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 137.4840, 5.6774, -47.7825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

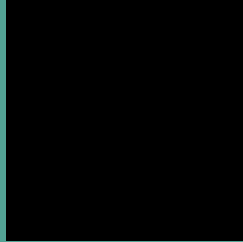
Any Text WCAG AA ✓ Pass

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 137.4840, 5.6774, -47.7825 Background



This preview shows how black text looks on a background with the YUV color 137.4840, 5.6774, -47.7825.



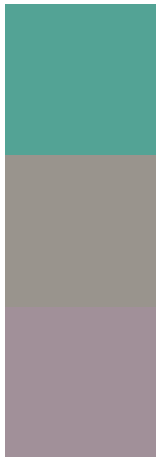
This preview shows how white text looks on a background with the YUV color 137.4840, 5.6774, -47.7825.

-47.7825.

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

137.4840, 5.6774, -47.7825

Protanopia

148.6970, -3.7946, 3.7737

Deuteranopia

150.1090, 1.4253, 9.5514



Tritanopia

140.4380, 15.5601, -44.2341

Trichromacy



Original Color

137.4840, 5.6774, -47.7825

Protanomaly

144.4990, -0.2460, -14.4696

Deuteranomaly

145.7320, 3.0901, -11.1660

Tritanomaly

139.2160, 12.2185, -45.7934

Monochromacy



Original Color

137.4840, 5.6774, -47.7825

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.7590, 2.0908, -17.3286

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4840, 5.6774, -47.7825 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(83, 163, 149)` looks like.

```
.text, #text, p{  
    color:rgb(83, 163, 149)  
}
```

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(83, 163, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 163, 149) }
```

Border

The CSS property to change the border of an element to YUV 137.4840, 5.6774, -47.7825 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(83, 163, 149) }
```


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

```
.border{ border-color:rgb(83, 163, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 163, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 163, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 163, 149);  
box-shadow:4px 4px 4px 4px rgb(83, 163,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 137.4840, 5.6774, -47.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 163, 149) }
```

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

```
.background{ background-color: rgb(83, 163,  
149) }
```

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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