

Converting Colors

YUV(139.7630, -7.7712,
-74.3372)

Have a look what the booklet for
YUV(139.7630, -7.7712, -74.3372)
contains.

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Color

**YUV(139.7630, -7.7712,
-74.3372)**

Conversions

Conversions Part 1

Format	Color
Hex	37BA7C
RGB	55, 186, 124
RGB Percent	22%, 73%, 49%
CMY	0.7843, 0.2706, 0.5137
CMYK	0.70, 0.00, 0.33, 0.27
HSL	152°, 54%, 47%
HSV	152°, 70%, 73%
XYZ	22.7725, 37.3853, 25.0846
YIQ	139.7630, -58.1740, -47.0540

Conversions

Conversions Part 2

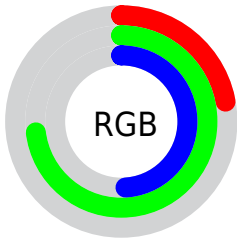
Format	Color
RYB	55, 141, 186
Decimal	3652220
CIELab	67.57, -49.65, 21.47
CIELCh	68, 54.091, 156.612
Yxy	37.3853, 0.2672, 0.4386
Android (android.graphics.Color)	4281842300 (0xFF37BA7C)
YUV	139.7630, -7.7712, -74.3372
Hunter-Lab	61.1435, -40.5198, 18.4762

Details

The YUV color **139.7630, -7.7712, -74.3372** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **101.2370, 7.7712, 74.3372**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1010, -10.4028, -70.2486**, and **86.0340, -5.4398, -75.4518** is the 20% darker color. If you saturate the color by 10%, you get **133.0560, -8.9016, -85.1181**, and if you desaturate by 10%, it is **146.4700, -6.6407, -63.5562**.

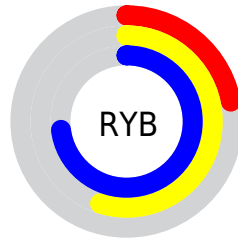
Distribution



Red (22%)

Green (73%)

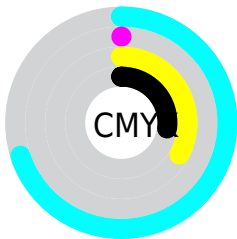
Blue (49%)



Red (22%)

Yellow (55%)

Blue (73%)

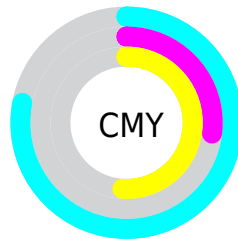


Cyan (70%)

Magenta (0%)

Yellow (33%)

Black (27%)



Cyan (78%)


Magenta (27%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.7630, -7.7712, -74.3372 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 139.7630, -7.7712, -74.3372 by changing the saturation by 10% instead.


 139.7630, -7.7712,
-74.3372


 139.7630, -7.7712,
-74.3372


255.0000, 0.0000,
0.0000


 104.0320, -2.4808,
-91.2361


 198.1010,
-10.4028, -70.2486

 86.0340, -5.4398,
-75.4518


 217.1930, -6.5041,
-60.6823


 68.0360, -8.3987,
-59.6676


 229.1700, 1.8882,
-45.7531

 50.2660, -10.4841,
-44.0833

 240.6480, 7.0755,
-29.5093

 33.5560, -13.5851,
-29.4286

 249.6180, 2.6533,
-11.0660

 19.9580, -9.8393,
-17.5032

 0.0000, 0.0000,

0.0000

■ 139.7630, -7.7712,
-74.3372

■ 139.7630, -7.7712,
-74.3372

■ 133.0560, -8.9016,
-85.1181

■ 146.4700, -6.6407,
-63.5562

■ 126.6480,
-10.1795, -95.2843

■ 152.8780, -5.3629,
-53.3900

■ 120.3540,
-11.0205, -105.5505

■ 159.4710, -4.6692,
-42.5091

■ 165.8790, -3.3913,
-32.3429

■ 172.5860, -2.2609,
-21.5619

■ 179.2930, -1.1304,
-10.7810

■ 185.7010, 0.1474,
-0.6148

■ 192.2940, 0.8411,
10.2662

■ 198.7020, 2.1189,
20.4323

Harmonies

Analogous

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



152.7040, -34.8571, -19.9114



139.7630, -7.7712, -74.3372



130.7790, 21.3080, -114.6932

Triad

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



139.7630, -7.7712, -74.3372



154.6180, 49.4883, -53.1620



163.1870, -26.7142, 75.2580

Complementary

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



139.7630, -7.7712, -74.3372



101.2370, 7.7712, 74.3372

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.



165.3440, -4.6066, 77.7513



139.7630, -7.7712, -74.3372



168.4090, 36.7734, 11.9193

Square

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



139.7630, -7.7712, -74.3372



134.5020, 58.4195, -117.9583



168.6460, 17.4295, 56.4385



161.9890, -43.3786, 53.5066

Rectangle

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



139.7630, -7.7712, -74.3372



133.9540, 36.0117, -117.4777



168.6460, 17.4295, 56.4385



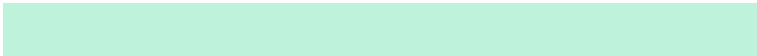
164.0440, -19.7417, 78.8914

Sweetspot

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



139.7630, -7.7712, -74.3372



224.0150, -2.9654, -28.9542



150.7340, -47.1969, -28.7077



111.4340, -1.6930, -17.0436



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



139.7630, -7.7712, -74.3372



169.3480, -12.0036, -116.9462



145.6570, 19.8891, -79.5062



88.7390, -0.8573, -5.0331



100.9200, -9.3276, -88.5068



18.1460, -1.5510, -15.9140

Inverse Universe

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



101.2370, 7.7712, 74.3372



108.7660, 12.4404, 116.8462



95.3430, -19.8891, 79.5062



86.1470, 0.4205, 5.1331



55.0800, 9.3276, 88.5068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 139.7630, -7.7712, -74.3372 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 139.7630, -7.7712, -74.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

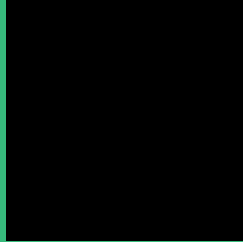
Any Text WCAG AA ✓ Pass

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 139.7630, -7.7712, -74.3372 Background



This preview shows how black text looks on a background with the YUV color 139.7630, -7.7712, -74.3372.

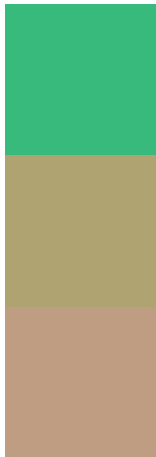


This preview shows how white text looks on a background with the YUV color 139.7630, -7.7712, -74.3372.

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

139.7630, -7.7712, -74.3372

Protanopia

161.3010, -23.3194, 12.8910

Deuteranopia

163.9030, -16.2212, 22.8871



Tritanopia

150.8920, 20.2662, -60.4183

Trichromacy



Original Color

139.7630, -7.7712, -74.3372



Protanomaly

153.2970, -17.4014, -18.6775



Deuteranomaly

155.3670, -13.4919, -12.5999



Tritanomaly

146.8130, 9.9522, -65.6110

Monochromacy



Original Color

139.7630, -7.7712, -74.3372



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.0260, -2.9708, -27.2098

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7630, -7.7712, -74.3372 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(55, 186, 124)` looks like.

```
.text, #text, p{  
    color:rgb(55, 186, 124)  
}
```

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(55, 186, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 186, 124) }
```

Border

The CSS property to change the border of an element to YUV 139.7630, -7.7712, -74.3372 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(55, 186, 124) }
```


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

```
.border{ border-color:rgb(55, 186, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 186, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 186, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 186, 124);  
box-shadow:4px 4px 4px 4px rgb(55, 186,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 139.7630, -7.7712, -74.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 186, 124) }
```

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

```
.background{ background-color: rgb(55, 186,  
124) }
```

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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