

Converting Colors

YUV(163.7040, -1.3331,
-39.2054)

Have a look what the booklet for
YUV(163.7040, -1.3331, -39.2054)
contains.

YUV(163.7040, -1.3331, -39.2054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.7040, -1.3331,
-39.2054)**

Conversions

Conversions Part 1

Format	Color
Hex	77BBA1
RGB	119, 187, 161
RGB Percent	47%, 73%, 63%
CMY	0.5333, 0.2667, 0.3686
CMYK	0.36, 0.00, 0.14, 0.27
HSL	157°, 33%, 60%
HSV	157°, 36%, 73%
XYZ	31.8111, 42.0358, 40.1553
YIQ	163.7040, -32.1820, -22.5020

Conversions

Conversions Part 2

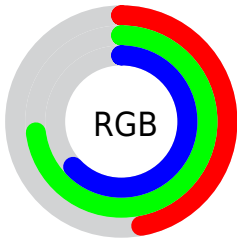
Format	Color
R _Y B	119, 161, 187
Decimal	7846817
CIE Lab	70.90, -27.40, 6.40
CIE LCh	71, 28.137, 166.862
Yxy	42.0358, 0.2790, 0.3687
Android (android.graphics.Color)	4286036897 (0xFF77BBA1)
YUV	163.7040, -1.3331, -39.2054
Hunter-Lab	64.8350, -25.8808, 8.6635

Details

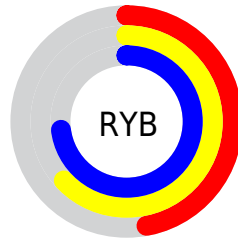
The YUV color **163.7040, -1.3331, -39.2054** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **142.2960, 1.3331, 39.2054**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9920, -1.4751, -40.3350**, and **110.2310, -0.6069, -38.7906** is the 20% darker color. If you saturate the color by 10%, you get **157.2250, -1.5899, -50.1863**, and if you desaturate by 10%, it is **170.1830, -1.0762, -28.2245**.

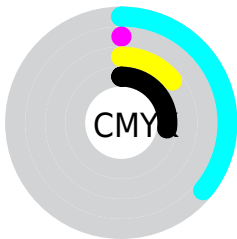
Distribution



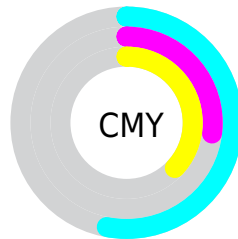
- Red (47%)
- Green (73%)
- Blue (63%)



- Red (47%)
- Yellow (63%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7040, -1.3331, -39.2054 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 163.7040, -1.3331, -39.2054 by changing the saturation by 10% instead.

■ 163.7040, -1.3331,
-39.2054

■ 163.7040, -1.3331,
-39.2054

255.0000, 0.0000,
0.0000

■ 137.1170, -1.0437,
-38.6906

■ 218.9920, -1.4751,
-40.3350

■ 110.2310, -0.6069,
-38.7906

■ 237.8990, 3.0078,
-31.4834

■ 85.0460, -0.0227,
-39.5053

■ 247.5250, 3.6852,
-15.3694

■ 57.5830, 2.1776,
-45.2383

■ 39.7800, 0.1085,
-34.8871

■ 24.5860, -2.2609,
-21.5619

■ 3.5220, -1.7363,

-3.0888

0.0000, 0.0000,
0.0000

163.7040, -1.3331,
-39.2054

163.7040, -1.3331,
-39.2054

157.2250, -1.5899,
-50.1863

170.1830, -1.0762,
-28.2245

151.0450, -1.9942,
-60.5525

176.3630, -0.6720,
-17.8584

144.5660, -2.2510,
-71.5334

182.8420, -0.4151,
-6.8774

137.9730, -2.9447,
-82.4143

189.4350, 0.2785,
4.0035

131.4940, -3.2015,
-93.3952

195.9140, 0.5354,
14.9844

■ 125.3140, -3.6058,
-103.7614

■ 202.0940, 0.9397,
25.3506

■ 122.9930, -3.4475,
-107.8649

■ 208.5730, 1.1965,
36.3315

■ 210.8660, 3.5171,
38.7055

■ 211.6640, 6.5746,
38.0057

Harmonies

Analogous

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



167.4050, -14.4967, -17.0182



163.7040, -1.3331, -39.2054



160.9760, 12.8298, -55.2300

Triad

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



163.7040, -1.3331, -39.2054



174.1230, 23.6034, -10.6319



175.0190, -18.7434, 38.5713

Complementary

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



163.7040, -1.3331, -39.2054



142.2960, 1.3331, 39.2054

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.



176.5000, -8.1345, 42.5345



163.7040, -1.3331, -39.2054



177.2250, 15.6651, 15.5887

Square

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



163.7040, -1.3331, -39.2054



167.8700, 27.1791, -37.5970



177.6590, 4.1121, 34.5021



173.1500, -24.2310, 25.3014

Rectangle

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



163.7040, -1.3331, -39.2054



160.7290, 20.8396, -57.6443



177.6590, 4.1121, 34.5021



175.8390, -15.6966, 41.3602

Sweetspot

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



163.7040, -1.3331, -39.2054



233.0860, -0.5354, -14.9844



166.6900, -23.5112, -19.0221



116.5320, -0.2623, -9.2366



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.



163.7040, -1.3331, -39.2054



205.6320, -2.2836, -61.0673



161.9720, 12.3388, -37.6864



90.9670, 0.0163, -5.2331



103.9180, -2.9176, -91.1361



20.3630, -0.6720, -17.8584

Inverse Universe

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



142.2960, 1.3331, 39.2054



172.2540, 1.8468, 61.1672



144.0280, -12.3388, 37.6864



88.1470, 0.4205, 5.1331



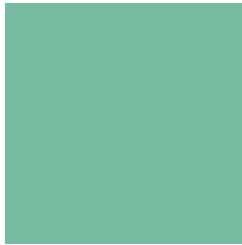
54.0820, 2.9176, 91.1361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 163.7040, -1.3331, -39.2054 looks on a white background.

Color Contrast Check

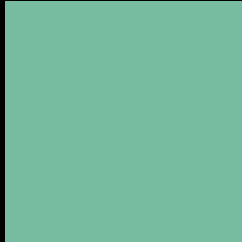
Large Text (above 18pt) WCAG AA × Fail

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 163.7040, -1.3331, -39.2054 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

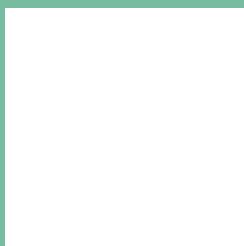
Any Text WCAG AAA ✓ Pass

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

YUV 163.7040, -1.3331, -39.2054 Background



This preview shows how black text looks on a background with the YUV color 163.7040, -1.3331, -39.2054.



This preview shows how white text looks on a background with the YUV color 163.7040, -1.3331,

-39.2054.

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

163.7040, -1.3331, -39.2054

Protanopia

172.2260, -9.4784, 6.8178

Deuteranopia

174.2470, -4.5588, 15.5694



Tritanopia

167.2650, 14.6594, -35.3124

Trichromacy



Original Color

163.7040, -1.3331, -39.2054

Protanomaly

168.9250, -6.3720, -9.5812

Deuteranomaly

170.1690, -3.0413, -4.5332

Tritanomaly

166.0600, 8.8444, -36.8866

Monochromacy



Original Color

163.7040, -1.3331, -39.2054

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7980, -0.3934, -13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7040, -1.3331, -39.2054 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(119, 187, 161)` looks like.

```
.text, #text, p{  
    color:rgb(119, 187, 161)  
}
```

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(119, 187, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 187, 161) }
```

Border

The CSS property to change the border of an element to YUV 163.7040, -1.3331, -39.2054 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(119, 187, 161) }
```


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

```
.border{ border-color:rgb(119, 187, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 187, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 187, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 187, 161); box-shadow:4px 4px 4px 4px rgb(119, 187, 161) }
```

Background

The CSS property to change the background color of an element to YUV 163.7040, -1.3331, -39.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 187, 161) }
```

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

```
.background{ background-color: rgb(119,  
187, 161) }
```

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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