

Converting Colors

YUV(167.9720, 12.3388,
-37.6864)

Have a look what the booklet for
YUV(167.9720, 12.3388, -37.6864)
contains.

YUV(167.9720, 12.3388, -37.6864)	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(167.9720, 12.3388,
-37.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB9C1
RGB	125, 185, 193
RGB Percent	49%, 73%, 76%
CMY	0.5098, 0.2745, 0.2431
CMYK	0.35, 0.04, 0.00, 0.24
HSL	187°, 35%, 62%
HSV	187°, 35%, 76%
XYZ	35.4320, 42.9082, 56.8667
YIQ	167.9720, -38.3280, -10.2320

Conversions

Conversions Part 2

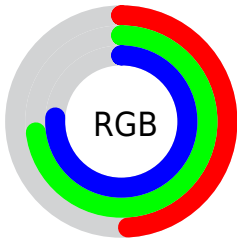
Format	Color
RYB	125, 157, 193
Decimal	8239553
CIELab	71.49, -17.27, -10.21
CIELCh	71, 20.066, 210.597
Yxy	42.9082, 0.2621, 0.3174
Android (android.graphics.Color)	4286429633 (0xFF7DB9C1)
YUV	167.9720, 12.3388, -37.6864
Hunter-Lab	65.5043, -18.0798, -5.6188

Details

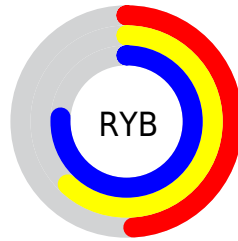
The YUV color **167.9720, 12.3388, -37.6864** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **150.0280, -12.3388, 37.6864**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6730, 12.4862, -38.3012**, and **114.9720, 12.3388, -37.6864** is the 20% darker color. If you saturate the color by 10%, you get **161.1170, 15.7183, -48.3376**, and if you desaturate by 10%, it is **174.8270, 8.9593, -27.0353**.

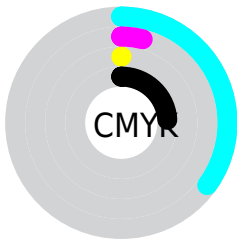
Distribution



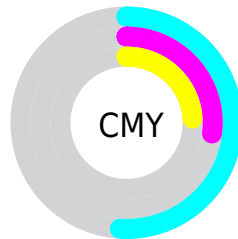
- Red (49%)
- Green (73%)
- Blue (76%)



- Red (49%)
- Yellow (62%)
- Blue (76%)



- Cyan (35%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9720, 12.3388, -37.6864 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 167.9720, 12.3388, -37.6864 by changing the saturation by 10% instead.

■ 167.9720, 12.3388,
-37.6864

■ 167.9720, 12.3388,
-37.6864

255.0000, 0.0000,
0.0000

■ 140.9720, 12.3388,
-37.6864

■ 223.6730, 12.4862,
-38.3012

■ 114.9720, 12.3388,
-37.6864

■ 240.9470, 6.9281,
-28.8945

■ 88.6730, 12.4862,
-38.3012

■ 249.6180, 2.6533,
-11.0660

■ 61.9820, 13.8129,
-43.8342

■ 42.1570, 11.7546,
-36.9717

■ 26.7350, 8.5116,
-23.4466

■ 9.1930, 7.2999,

-8.0623

■ 0.0000, 0.0000,
0.0000

■ 167.9720, 12.3388,
-37.6864

■ 167.9720, 12.3388,
-37.6864

■ 161.1170, 15.7183,
-48.3376

■ 174.8270, 8.9593,
-27.0353

■ 153.3760, 19.5346,
-59.0888

■ 182.5680, 5.1430,
-16.2841

■ 146.5210, 22.9141,
-69.7399

■ 189.4230, 1.7635,
-5.6330

■ 139.6660, 26.2937,
-80.3911

■ 196.2780, -1.6161,
5.0182

■ 132.5120, 29.8206,
-91.6570

■ 203.4320, -5.1430,
16.2841

■ 125.0700, 33.4895,
-101.7934

■ 210.8740, -8.8119,
26.4205

■ 121.7920, 35.1055,
-106.8116

■ 216.2340,
-11.4544, 33.9978

■ 217.4080,
-12.0331, 32.9682

■ 218.5820,
-12.6119, 31.9386

Harmonies

Analogous

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



168.3010, 3.3026, -32.7130



167.9720, 12.3388, -37.6864



170.3840, 17.5587, -31.9088

Triad

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



167.9720, 12.3388, -37.6864



178.3580, 7.2185, 18.1030



174.4950, -17.4990, 12.7209

Complementary

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



167.9720, 12.3388, -37.6864



150.0280, -12.3388, 37.6864

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.



176.3270, -15.9372, 25.1462



167.9720, 12.3388, -37.6864



178.1330, -1.5446, 28.8244

Square

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



167.9720, 12.3388, -37.6864



176.9090, 14.8349, 1.8338



177.2660, -9.9911, 31.3387



172.4930, -14.5400, -3.0634

Rectangle

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



167.9720, 12.3388, -37.6864



173.0800, 18.6946, -22.8722



177.2660, -9.9911, 31.3387



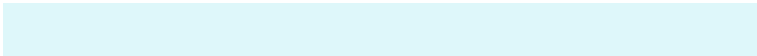
175.1150, -17.8047, 17.4391

Sweetspot

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



167.9720, 12.3388, -37.6864



239.8670, 4.9956, -15.6694



165.8280, -16.1842, -35.8062



119.0420, 2.9373, -8.8068



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



167.9720, 12.3388, -37.6864



211.5610, 18.9504, -58.3740



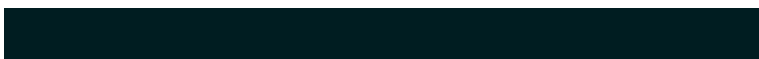
148.0140, 22.1781, -20.1833



93.4230, 1.7635, -5.6330



101.7080, 29.2310, -89.1979



20.7850, 6.0220, -18.2284

Inverse Universe

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



152.1720, 16.1842, 35.8062



186.9970, 25.1445, 55.2536



169.9860, -22.1781, 20.1833



91.0160, 2.4571, 5.2480



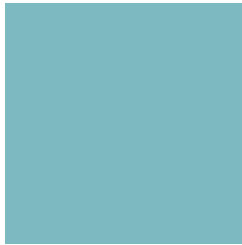
64.3270, 38.2928, 84.7822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 167.9720, 12.3388, -37.6864 looks on a white background.

Color Contrast Check

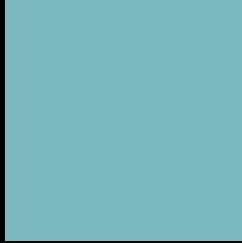
Large Text (above 18pt) WCAG AA × Fail

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 167.9720, 12.3388, -37.6864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

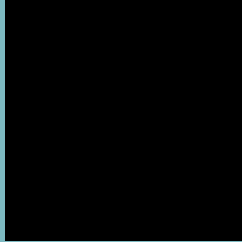
Any Text WCAG AA ✓ Pass

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 167.9720, 12.3388, -37.6864 Background



This preview shows how black text looks on a background with the YUV color 167.9720, 12.3388, -37.6864.



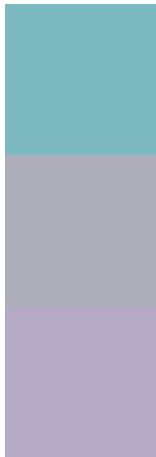
This preview shows how white text looks on a background with the YUV color 167.9720, 12.3388, -37.6864.

-37.6864.

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

167.9720, 12.3388, -37.6864

Protanopia

174.7810, 5.5310, -0.6849

Deuteranopia

176.2530, 9.7353, 4.1631



Tritanopia

168.3680, 15.1016, -37.1567

Trichromacy



Original Color

167.9720, 12.3388, -37.6864

Protanomaly

172.0890, 8.3371, -14.1101

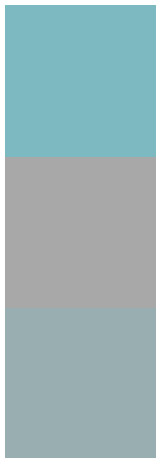
Deuteranomaly

173.0940, 10.7997, -10.6064

Tritanomaly

168.1400, 14.2280, -36.9568

Monochromacy



Original Color

167.9720, 12.3388, -37.6864

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.7640, 4.5533, -13.8250

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9720, 12.3388, -37.6864 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(125, 185, 193)` looks like.

```
.text, #text, p{  
    color:rgb(125, 185, 193)  
}
```

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(125, 185, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 185, 193) }
```

Border

The CSS property to change the border of an element to YUV 167.9720, 12.3388, -37.6864 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(125, 185, 193) }
```


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

```
.border{ border-color:rgb(125, 185, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 185, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(125, 185,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 167.9720, 12.3388, -37.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 185, 193) }
```

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

```
.background{ background-color: rgb(125,  
185, 193) }
```

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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