

Converting Colors

YUV(147.2780, 18.1039,
-66.8958)

Have a look what the booklet for
YUV(147.2780, 18.1039, -66.8958)
contains.

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Color

**YUV(147.2780, 18.1039,
-66.8958)**

Conversions

Conversions Part 1

Format	Color
Hex	47B3B8
RGB	71, 179, 184
RGB Percent	28%, 70%, 72%
CMY	0.7216, 0.2980, 0.2784
CMYK	0.61, 0.03, 0.00, 0.28
HSL	183°, 44%, 50%
HSV	183°, 61%, 72%
XYZ	27.3704, 37.0405, 51.0544
YIQ	147.2780, -65.9730, -21.3410

Conversions

Conversions Part 2

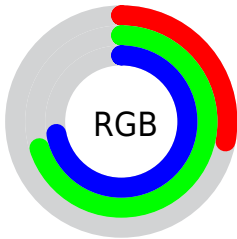
Format	Color
RYB	71, 126, 184
Decimal	4699064
CIELab	67.31, -28.90, -11.74
CIELCh	67, 31.198, 202.112
Yxy	37.0405, 0.2370, 0.3208
Android (android.graphics.Color)	4282889144 (0xFF47B3B8)
YUV	147.2780, 18.1039, -66.8958
Hunter-Lab	60.8609, -26.2315, -7.1340

Details

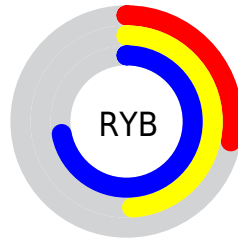
The YUV color **147.2780, 18.1039, -66.8958** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **107.7220, -18.1039, 66.8958**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4740, 17.5143, -64.4367**, and **88.8960, 20.7573, -77.9618** is the 20% darker color. If you saturate the color by 10%, you get **141.3090, 21.0467, -77.4470**, and if you desaturate by 10%, it is **153.2470, 15.1612, -56.3446**.

Distribution



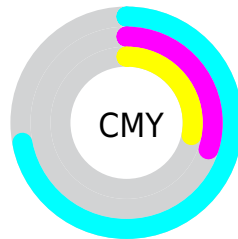
- Red (28%)
- Green (70%)
- Blue (72%)



- Red (28%)
- Yellow (49%)
- Blue (72%)



- Cyan (61%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (72%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2780, 18.1039, -66.8958 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 147.2780, 18.1039, -66.8958 by changing the saturation by 10% instead.

■ 147.2780, 18.1039,
-66.8958

■ 147.2780, 18.1039,
-66.8958

■ 255.0000, 0.0000,
0.0000

■ 117.2880, 19.5780,
-73.0436

■ 204.4740, 17.5143,
-64.4367

■ 88.8960, 20.7573,
-77.9618

■ 226.8940, 13.8563,
-57.7890

■ 70.7840, 17.3615,
-62.0776

■ 235.5650, 9.5815,
-39.9605

■ 53.9600, 13.8237,
-47.3229

■ 244.5350, 5.1592,
-21.5172

■ 37.8370, 10.4334,
-33.1830

■ 253.5050, 0.7370,
-3.0739

■ 23.5890, 6.6116,
-20.6876

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 147.2780, 18.1039,
-66.8958

■ 147.2780, 18.1039,
-66.8958

■ 141.3090, 21.0467,
-77.4470

■ 153.2470, 15.1612,
-56.3446

■ 135.0410, 24.1368,
-88.6130

■ 159.5150, 12.0711,
-45.1787

■ 129.6590, 26.7901,
-99.6789

■ 164.8970, 9.4178,
-34.1127

■ 124.2880, 29.4380,
-109.0006

■ 171.1650, 6.3277,
-22.9467

■ 177.1340, 3.3849,
-12.3955

■ 183.1030, 0.4422,
-1.8443

■ 189.3710, -2.6479,
9.3216

■ 195.3400, -5.5906,
19.8728

■ 201.0210, -8.3914,
31.5536

Harmonies

Analogous

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



151.4470, 1.7516, -48.6270



147.2780, 18.1039, -66.8958



150.2320, 27.9866, -63.3475

Triad

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



147.2780, 18.1039, -66.8958



168.1440, 15.2120, 20.9217



163.0420, -27.1357, 23.6422

Complementary

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



147.2780, 18.1039, -66.8958



107.7220, -18.1039, 66.8958

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.



164.9330, -21.6590, 40.4008



147.2780, 18.1039, -66.8958



167.5350, 2.2012, 40.7498

Square

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



147.2780, 18.1039, -66.8958



164.9000, 25.1923, -6.9283



166.7240, -11.2029, 46.7231



160.2950, -24.3024, 1.4953

Rectangle

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



147.2780, 18.1039, -66.8958



155.3140, 30.4112, -47.6334



166.7240, -11.2029, 46.7231



163.4280, -25.8470, 30.3196

Sweetspot

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



147.2780, 18.1039, -66.8958



225.9690, 6.9173, -25.4058



137.7870, -30.9540, -58.5722



111.3400, 4.2694, -16.0842



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



147.2780, 18.1039, -66.8958



182.0820, 28.5536, -105.3119



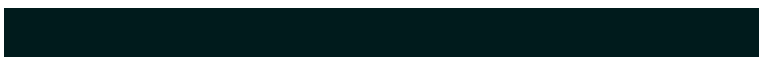
114.9930, 34.0205, -38.5819



88.7220, 1.6161, -5.0182



105.2470, 25.0212, -92.3016



19.0410, 4.4168, -16.6990

Inverse Universe

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



117.0990, 30.5172, 58.6722



134.6020, 48.0172, 92.4340



140.0070, -34.0205, 38.5819



86.6030, 2.1677, 4.7332



63.6300, 42.0874, 81.0085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 147.2780, 18.1039, -66.8958 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 147.2780, 18.1039, -66.8958 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

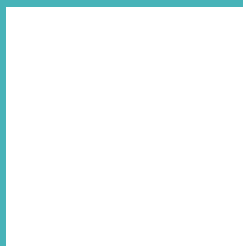
Any Text WCAG AAA ✓ Pass

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

YUV 147.2780, 18.1039, -66.8958 Background



This preview shows how black text looks on a background with the YUV color 147.2780, 18.1039, -66.8958.



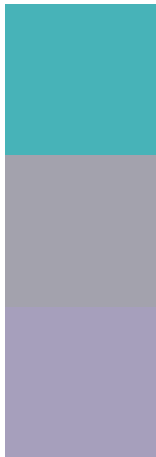
This preview shows how white text looks on a background with the YUV color 147.2780, 18.1039, -66.8958.

-66.8958.

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

147.2780, 18.1039, -66.8958

Protanopia

163.5530, 4.6574, -0.4850

Deuteranopia

164.3990, 11.6353, 1.4041



Tritanopia

148.7990, 21.2981, -64.7217

Trichromacy



Original Color

147.2780, 18.1039, -66.8958

Protanomaly

157.6640, 9.5326, -24.2613

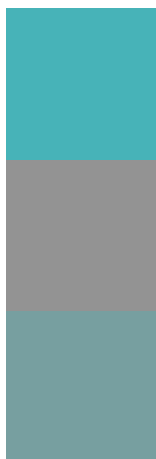
Deuteranomaly

157.9290, 14.3320, -23.6167

Tritanomaly

148.1580, 20.1351, -65.0366

Monochromacy



Original Color

147.2780, 18.1039, -66.8958

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1540, 6.3331, -24.6911

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2780, 18.1039, -66.8958 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, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(71, 179, 184)  
}
```

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, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 179, 184) }
```

Border

The CSS property to change the border of an element to YUV 147.2780, 18.1039, -66.8958 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

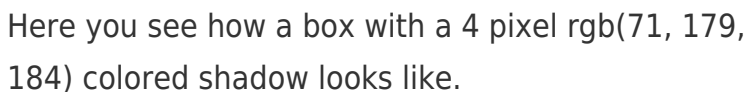
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 179, 184) }
```


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

```
.border{ border-color:rgb(71, 179, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(71, 179,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 147.2780, 18.1039, -66.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 179, 184) }
```

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

```
.background{ background-color: rgb(71, 179,  
184) }
```

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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