

Converting Colors

YUV(151.5300, 16.0077,
-47.8228)

Have a look what the booklet for
YUV(151.5300, 16.0077, -47.8228)
contains.

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Color

**YUV(151.5300, 16.0077,
-47.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	61ADB8
RGB	97, 173, 184
RGB Percent	38%, 68%, 72%
CMY	0.6196, 0.3216, 0.2784
CMYK	0.47, 0.06, 0.00, 0.28
HSL	188°, 38%, 55%
HSV	188°, 47%, 72%
XYZ	28.5251, 35.8892, 50.7713
YIQ	151.5300, -48.8270, -12.6910

Conversions

Conversions Part 2

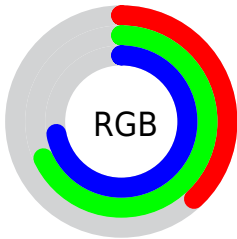
Format	Color
RYB	97, 138, 184
Decimal	6401464
CIELab	66.44, -20.56, -12.96
CIElCh	66, 24.308, 212.219
Yxy	35.8892, 0.2476, 0.3116
Android (android.graphics.Color)	4284591544 (0xFF61ADB8)
YUV	151.5300, 16.0077, -47.8228
Hunter-Lab	59.9076, -19.8454, -8.3125

Details

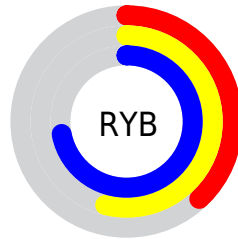
The YUV color **151.5300, 16.0077, -47.8228** is a light color, and the websafe version is hex **669999**. A complement of this color would be **129.4700, -16.0077, 47.8228**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5300, 16.0077, -47.8228**, and **96.7360, 16.8922, -51.5115** is the 20% darker color. If you saturate the color by 10%, you get **144.9740, 19.2398, -57.8592**, and if you desaturate by 10%, it is **158.0860, 12.7756, -37.7864**.

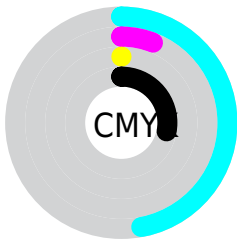
Distribution



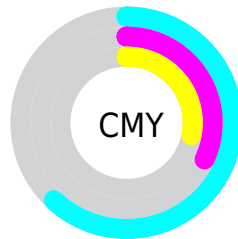
- Red (38%)
- Green (68%)
- Blue (72%)



- Red (38%)
- Yellow (54%)
- Blue (72%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (28%)



- Cyan (62%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5300, 16.0077, -47.8228 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 151.5300, 16.0077, -47.8228 by changing the saturation by 10% instead.

■ 151.5300, 16.0077,
-47.8228

■ 151.5300, 16.0077,
-47.8228

■ 255.0000, 0.0000,
0.0000

■ 124.2310, 16.1551,
-48.4376

■ 207.5300, 16.0077,
-47.8228

■ 96.7360, 16.8922,
-51.5115

■ 232.8740, 10.9081,
-45.4935

■ 67.8490, 18.8084,
-59.5036

■ 241.5450, 6.6333,
-27.6650

■ 51.6120, 14.9813,
-45.2637

■ 250.2160, 2.3585,
-9.8364

■ 35.4890, 11.5909,
-31.1239

■ 21.2410, 7.7692,
-18.6284

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 151.5300, 16.0077,
-47.8228

■ 151.5300, 16.0077,
-47.8228

■ 144.9740, 19.2398,
-57.8592

■ 158.0860, 12.7756,
-37.7864

■ 137.5320, 22.9087,
-67.9956

■ 165.5280, 9.1067,
-27.6501

■ 130.9760, 26.1408,
-78.0320

■ 172.0840, 5.8746,
-17.6137

■ 124.1210, 29.5203,
-88.6831

■ 178.9390, 2.4951,
-6.9625

■ 116.9780, 33.0418,
-98.2047

■ 186.0820, -1.0264,
2.5591

■ 115.4830, 33.7789,
-101.2786

■ 192.6380, -4.2585,
12.5955

■ 199.4930, -7.6380,
23.2466

■ 206.6360,
-11.1595, 32.7682

■ 211.0990,
-13.3598, 38.5012

Harmonies

Analogous

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



152.3000, 4.7821, -40.6051



151.5300, 16.0077, -47.8228



154.5940, 22.3852, -39.9859

Triad

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



151.5300, 16.0077, -47.8228



165.3200, 8.2232, 22.5214



160.5830, -20.9934, 13.5207

Complementary

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



151.5300, 16.0077, -47.8228



129.4700, -16.0077, 47.8228

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.



162.2520, -18.8582, 28.7200



151.5300, 16.0077, -47.8228



165.0520, -1.9976, 34.1574

Square

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



151.5300, 16.0077, -47.8228



163.4900, 17.0134, 3.0783



164.0170, -12.3334, 35.9421



157.6130, -16.5712, -4.9226

Rectangle

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



151.5300, 16.0077, -47.8228



158.0840, 22.6366, -27.2607



164.0170, -12.3334, 35.9421



161.0290, -20.7203, 19.2686

Sweetspot

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



151.5300, 16.0077, -47.8228



226.8990, 6.4588, -18.3284



149.2090, -20.8090, -45.7873



111.9600, 3.9637, -11.3659



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.



151.5300, 16.0077, -47.8228



188.4710, 25.4038, -74.9581



126.2890, 28.4515, -25.6865



88.7220, 1.6161, -5.0182



97.6160, 28.7833, -85.6092



17.8670, 4.9956, -15.6694

Inverse Universe

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



131.6770, 20.3722, 45.8873



157.5290, 31.7842, 72.3271



154.7110, -28.4515, 25.6865



86.6030, 2.1677, 4.7332



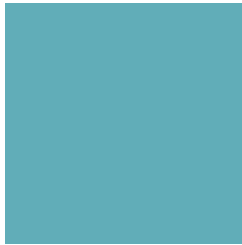
62.1480, 36.4090, 82.3082



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 151.5300, 16.0077, -47.8228 looks on a white background.

Color Contrast Check

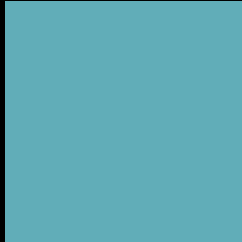
Large Text (above 18pt) WCAG AA × Fail

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 151.5300, 16.0077, -47.8228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

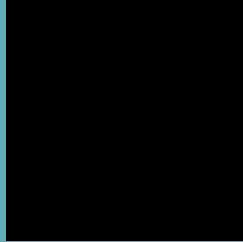
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.5300, 16.0077, -47.8228

Background



This preview shows how black text looks on a background with the YUV color 151.5300, 16.0077, -47.8228.



This preview shows how white text looks on a background with the YUV color 151.5300, 16.0077,

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

151.5300, 16.0077, -47.8228

Protanopia

161.4110, 6.6994, -2.1144

Deuteranopia

162.2140, 12.2195, 0.6893



Tritanopia

152.1710, 17.1707, -47.5080

Trichromacy



Original Color

151.5300, 16.0077, -47.8228

Protanomaly

157.8110, 9.9532, -19.1282

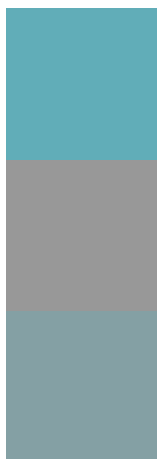
Deuteranomaly

158.4460, 13.5841, -17.0541

Tritanomaly

152.0570, 16.7339, -47.4080

Monochromacy



Original Color

151.5300, 16.0077, -47.8228

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0840, 5.8746, -17.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5300, 16.0077, -47.8228 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(97, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(97, 173, 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(97, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 173, 184) }
```

Border

The CSS property to change the border of an element to YUV 151.5300, 16.0077, -47.8228 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(97, 173, 184) }
```


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

```
.border{ border-color:rgb(97, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(97, 173,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 151.5300, 16.0077, -47.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 173, 184) }
```

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

```
.background{ background-color: rgb(97, 173,  
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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