

Converting Colors

YUV(151.6010, 14.9867,
-47.0081)

Have a look what the booklet for
YUV(151.6010, 14.9867, -47.0081)
contains.

YUV(151.6010, 14.9867, -47.0081)	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(151.6010, 14.9867,
-47.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	62ADB6
RGB	98, 173, 182
RGB Percent	38%, 68%, 71%
CMY	0.6157, 0.3216, 0.2863
CMYK	0.46, 0.05, 0.00, 0.29
HSL	186°, 37%, 55%
HSV	186°, 46%, 71%
XYZ	28.4241, 35.8612, 49.6798
YIQ	151.6010, -47.5890, -13.1010

Conversions

Conversions Part 2

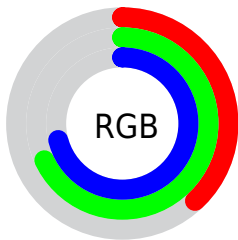
Format	Color
R_{YB}	98, 138, 182
Decimal	6466998
CIE _{Lab}	66.41, -20.87, -11.88
CIE _{LCh}	66, 24.011, 209.648
Yxy	35.8612, 0.2494, 0.3147
Android (android.graphics.Color)	4284657078 (0xFF62ADB6)
YUV	151.6010, 14.9867, -47.0081
Hunter-Lab	59.8842, -20.0723, -7.2678

Details

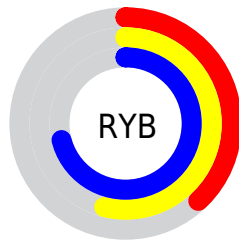
The YUV color **151.6010, 14.9867, -47.0081** is a light color, and the websafe version is hex **669999**. A complement of this color would be **128.3990, -14.9867, 47.0081**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6010, 14.9867, -47.0081**, and **97.1060, 15.7237, -50.0820** is the 20% darker color. If you saturate the color by 10%, you get **145.0450, 18.2188, -57.0445**, and if you desaturate by 10%, it is **158.1570, 11.7546, -36.9717**.

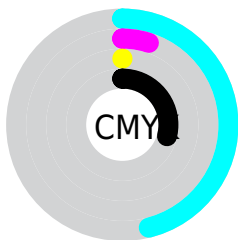
Distribution



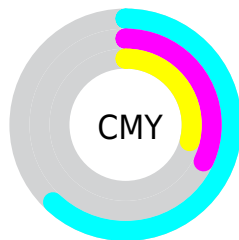
- Red (38%)
- Green (68%)
- Blue (71%)



- Red (38%)
- Yellow (54%)
- Blue (71%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6010, 14.9867, -47.0081 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 151.6010, 14.9867, -47.0081 by changing the saturation by 10% instead.

■ 151.6010, 14.9867,
-47.0081

■ 151.6010, 14.9867,
-47.0081

■ 255.0000, 0.0000,
0.0000

■ 124.3020, 15.1341,
-47.6229

■ 207.6010, 14.9867,
-47.0081

■ 97.1060, 15.7237,
-50.0820

■ 233.1730, 10.7607,
-44.8787

■ 67.6210, 17.9348,
-59.3036

■ 241.8440, 6.4859,
-27.0502

■ 50.7970, 14.3971,
-44.5490

■ 250.5150, 2.2111,
-9.2217

■ 35.2610, 10.7173,
-30.9239

■ 21.0130, 6.8956,
-18.4284

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 151.6010, 14.9867,
-47.0081

■ 151.6010, 14.9867,
-47.0081

■ 145.0450, 18.2188,
-57.0445

■ 158.1570, 11.7546,
-36.9717

■ 138.4890, 21.4509,
-67.0809

■ 164.7130, 8.5225,
-26.9353

■ 131.6340, 24.8304,
-77.7320

■ 171.5680, 5.1430,
-16.2841

■ 125.0780, 28.0625,
-87.7684

■ 178.1240, 1.9109,
-6.2477

■ 118.5220, 31.2947,
-97.8048

■ 184.6800, -1.3212,
3.7886

■ 115.8420, 32.6159,
-101.5934

■ 191.2360, -4.5533,
13.8250

■ 197.7920, -7.7855,
23.8614

■ 204.6470,
-11.1650, 34.5126

■ 209.1100,
-13.3652, 40.2455

Harmonies

Analogous

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



152.6700, 3.6137, -39.1756



151.6010, 14.9867, -47.0081



154.6540, 21.3696, -40.9156

Triad

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



151.6010, 14.9867, -47.0081



164.9500, 9.3917, 21.0919



160.5940, -20.9988, 15.2651

Complementary

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



151.6010, 14.9867, -47.0081



128.3990, -14.9867, 47.0081

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.



162.6650, -18.5688, 29.2348



151.6010, 14.9867, -47.0081



164.9810, -0.9766, 33.3427

Square

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



151.6010, 14.9867, -47.0081



163.5930, 17.4557, 1.2339



163.6580, -11.1704, 36.2569



158.2110, -16.8660, -3.6930

Rectangle

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



151.6010, 14.9867, -47.0081



157.9590, 22.2052, -28.9050



163.6580, -11.1704, 36.2569



161.3280, -20.8677, 19.8833

Sweetspot

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



151.6010, 14.9867, -47.0081



225.3720, 5.7326, -18.7432



148.2200, -20.8145, -44.0429



112.5470, 3.6743, -11.8807



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.



151.6010, 14.9867, -47.0081



189.9120, 23.2144, -72.7138



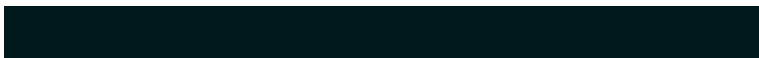
127.5340, 26.8517, -25.9013



88.7220, 1.6161, -5.0182



99.3770, 27.9151, -87.1536



17.8670, 4.9956, -15.6694

Inverse Universe

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



131.6660, 20.3777, 44.1429



159.0940, 31.5057, 68.3236



152.4660, -26.8517, 25.9013



86.6030, 2.1677, 4.7332



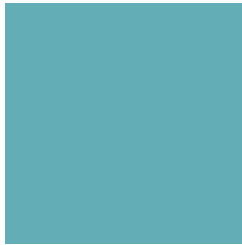
62.4900, 37.7194, 82.0083



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 151.6010, 14.9867, -47.0081 looks on a white background.

Color Contrast Check

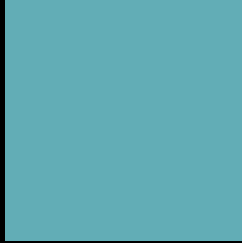
Large Text (above 18pt) WCAG AA × Fail

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 151.6010, 14.9867, -47.0081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

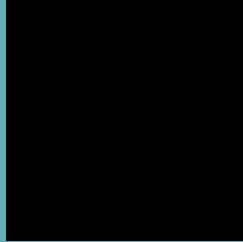
Any Text WCAG AA ✓ Pass

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 151.6010, 14.9867, -47.0081 Background



This preview shows how black text looks on a background with the YUV color 151.6010, 14.9867, -47.0081.



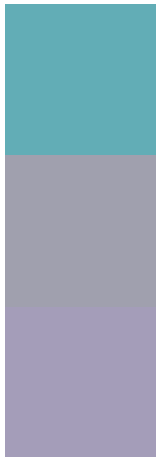
This preview shows how white text looks on a background with the YUV color 151.6010, 14.9867, -47.0081.

-47.0081.

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

151.6010, 14.9867, -47.0081

Protanopia

161.5960, 6.1152, -1.3997

Deuteranopia

162.2850, 11.1985, 1.5041



Tritanopia

151.7690, 16.8759, -46.2784

Trichromacy



Original Color

151.6010, 14.9867, -47.0081

Protanomaly

157.9960, 9.3690, -18.4135

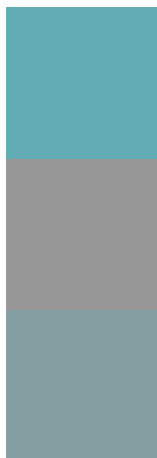
Deuteranomaly

158.5170, 12.5631, -16.2394

Tritanomaly

151.6550, 16.4391, -46.1784

Monochromacy



Original Color

151.6010, 14.9867, -47.0081

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6010, 14.9867, -47.0081 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(98, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(98, 173, 182)  
}
```

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(98, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 173, 182) }
```

Border

The CSS property to change the border of an element to YUV 151.6010, 14.9867, -47.0081 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(98, 173, 182) }
```


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

```
.border{ border-color:rgb(98, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(98, 173,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 151.6010, 14.9867, -47.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 173, 182) }
```

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

```
.background{ background-color: rgb(98, 173,  
182) }
```

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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