

Converting Colors

YUV(153.0330, 9.8437,
-30.7239)

Have a look what the booklet for
YUV(153.0330, 9.8437, -30.7239)
contains.

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Color

**YUV(153.0330, 9.8437,
-30.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	76A7AD
RGB	118, 167, 173
RGB Percent	46%, 65%, 68%
CMY	0.5373, 0.3451, 0.3216
CMYK	0.32, 0.03, 0.00, 0.32
HSL	187°, 25%, 57%
HSV	187°, 32%, 68%
XYZ	28.8328, 34.5061, 44.6759
YIQ	153.0330, -31.1300, -8.5220

Conversions

Conversions Part 2

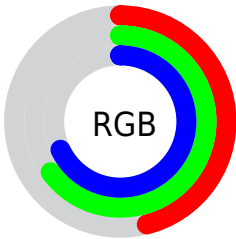
Format	Color
RYB	118, 144, 173
Decimal	7776173
CIELab	65.36, -14.74, -8.34
CIElCh	65, 16.935, 209.491
Yxy	34.5061, 0.2669, 0.3195
Android (android.graphics.Color)	4285966253 (0xFF76A7AD)
YUV	153.0330, 9.8437, -30.7239
Hunter-Lab	58.7419, -15.1838, -3.9734

Details

The YUV color **153.0330, 9.8437, -30.7239** is a light color, and the websafe version is hex **669999**. A complement of this color would be **137.9670, -9.8437, 30.7239**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7340, 9.9911, -31.3387**, and **101.3320, 9.6963, -30.1092** is the 20% darker color. If you saturate the color by 10%, you get **146.7760, 12.9284, -40.1456**, and if you desaturate by 10%, it is **159.2900, 6.7590, -21.3023**.

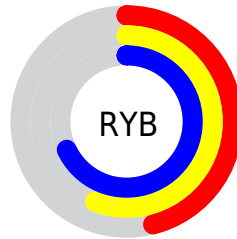
Distribution



Red (46%)

Green (65%)

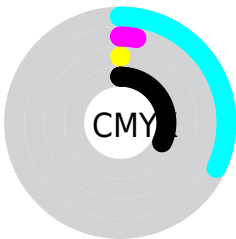
Blue (68%)



Red (46%)

Yellow (56%)

Blue (68%)

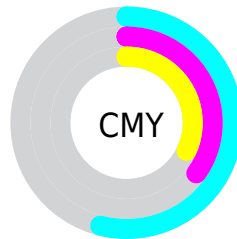


Cyan (32%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (54%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0330, 9.8437, -30.7239 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 153.0330, 9.8437, -30.7239 by changing the saturation by 10% instead.

■ 153.0330, 9.8437,
-30.7239

■ 153.0330, 9.8437,
-30.7239

255.0000, 0.0000,
0.0000

■ 126.9190, 9.4069,
-30.6240

■ 207.7340, 9.9911,
-31.3387

■ 101.3320, 9.6963,
-30.1092

■ 236.2070, 9.2649,
-31.7535

■ 76.0330, 9.8437,
-30.7239

■ 246.9270, 3.9800,
-16.5990

■ 51.1250, 10.2914,
-34.3126

■ 31.5280, 9.1067,
-27.6501

■ 17.9810, 5.4324,
-15.7693

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 153.0330, 9.8437,
-30.7239

■ 153.0330, 9.8437,
-30.7239

■ 146.7760, 12.9284,
-40.1456

■ 159.2900, 6.7590,
-21.3023

■ 140.2200, 16.1605,
-50.1819

■ 165.8460, 3.5269,
-11.2659

■ 133.9630, 19.2452,
-59.6036

■ 172.1030, 0.4422,
-1.8443

■ 127.7060, 22.3299,
-69.0252

■ 178.3600, -2.6425,
7.5773

■ 122.0360, 25.1253,
-78.9616

■ 184.3290, -5.5852,
18.1285

■ 115.4800, 28.3574,
-88.9980

■ 190.5860, -8.6699,
27.5501

■ 110.1200, 30.9998,
-96.5752

■ 196.8430,
-11.7546, 36.9717

■ 202.8010,
-14.6919, 45.7785

■ 203.9750,
-15.2707, 44.7489

Harmonies

Analogous

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



152.8180, 2.5547, -26.1504



153.0330, 9.8437, -30.7239



154.6190, 14.4848, -25.9759

Triad

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



153.0330, 9.8437, -30.7239



161.1080, 6.3558, 14.8143



158.5810, -14.5834, 10.8915

Complementary

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



153.0330, 9.8437, -30.7239



137.9670, -9.8437, 30.7239

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.



159.9890, -13.3056, 21.0576



153.0330, 9.8437, -30.7239



161.5130, -1.2389, 24.1061

Square

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



153.0330, 9.8437, -30.7239



160.2140, 12.2195, 0.6893



160.6890, -8.2277, 25.7057



156.1880, -11.9247, -1.9189

Rectangle

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



153.0330, 9.8437, -30.7239



156.8910, 15.3367, -19.1984



160.6890, -8.2277, 25.7057



158.9020, -14.7417, 14.9949

Sweetspot

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



153.0330, 9.8437, -30.7239



216.2480, 3.8217, -12.4955



150.9690, -13.2957, -28.9138



107.5260, 2.2057, -7.4773



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



153.0330, 9.8437, -30.7239



193.3020, 15.1341, -47.6229



137.1840, 17.6573, -16.8244



83.7220, 1.6161, -5.0182



95.7580, 26.7413, -83.9798



14.3620, 4.2585, -12.5955

Inverse Universe

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



140.0310, 13.2957, 28.9138



173.0790, 20.6671, 44.6577



153.8160, -17.6573, 16.8244



81.6030, 2.1677, 4.7332



60.1260, 36.4199, 78.8195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 153.0330, 9.8437, -30.7239 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 153.0330, 9.8437, -30.7239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

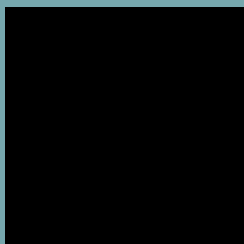
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

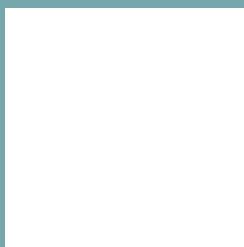
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.0330, 9.8437, -30.7239

Background



This preview shows how black text looks on a background with the YUV color 153.0330, 9.8437, -30.7239.



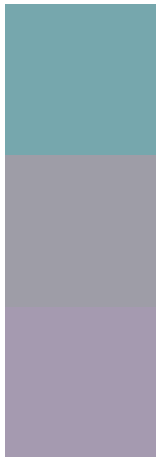
This preview shows how white text looks on a background with the YUV color 153.0330, 9.8437, -30.7239.

-30.7239.

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

153.0330, 9.8437, -30.7239

Protanopia

158.4390, 4.2206, -0.3850

Deuteranopia

159.7970, 7.9881, 4.5630



Tritanopia

153.4290, 12.6065, -30.1942

Trichromacy



Original Color

153.0330, 9.8437, -30.7239

Protanomaly

156.5300, 6.1477, -11.8658

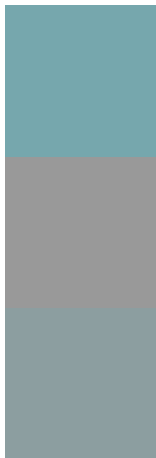
Deuteranomaly

157.5350, 8.6102, -8.3622

Tritanomaly

153.2010, 11.7329, -29.9943

Monochromacy



Original Color

153.0330, 9.8437, -30.7239

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8460, 3.5269, -11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0330, 9.8437, -30.7239 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(118, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(118, 167, 173)  
}
```

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(118, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 167, 173) }
```

Border

The CSS property to change the border of an element to YUV 153.0330, 9.8437, -30.7239 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(118, 167, 173) }
```


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

```
.border{ border-color:rgb(118, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(118, 167,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 153.0330, 9.8437, -30.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 167, 173) }
```

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

```
.background{ background-color: rgb(118,  
167, 173) }
```

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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