

Converting Colors

YUV(160.8650, 7.9546,
-31.4536)

Have a look what the booklet for
YUV(160.8650, 7.9546, -31.4536)
contains.

YUV(160.8650, 7.9546, -31.4536)	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(160.8650, 7.9546,
-31.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB0B1
RGB	125, 176, 177
RGB Percent	49%, 69%, 69%
CMY	0.5098, 0.3098, 0.3059
CMYK	0.29, 0.01, 0.00, 0.31
HSL	181°, 25%, 59%
HSV	181°, 29%, 69%
XYZ	31.9186, 38.5850, 47.3603
YIQ	160.8650, -30.7170, -10.5010

Conversions

Conversions Part 2

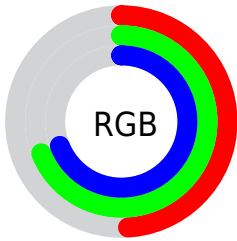
Format	Color
RYB	125, 151, 177
Decimal	8237233
CIELab	68.45, -16.47, -5.93
CIELCh	68, 17.503, 199.814
Yxy	38.5850, 0.2708, 0.3274
Android (android.graphics.Color)	4286427313 (0xFF7DB0B1)
YUV	160.8650, 7.9546, -31.4536
Hunter-Lab	62.1168, -16.9825, -1.7233

Details

The YUV color **160.8650, 7.9546, -31.4536** is a light color, and the websafe version is hex **669999**. A complement of this color would be **141.1350, -7.9546, 31.4536**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2670, 8.2494, -32.6832**, and **108.1640, 7.8071, -30.8388** is the 20% darker color. If you saturate the color by 10%, you get **155.4830, 10.6079, -42.5196**, and if you desaturate by 10%, it is **166.2470, 5.3012, -20.3876**.

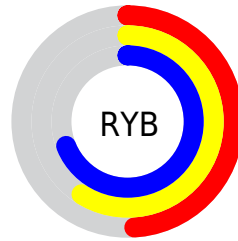
Distribution



Red (49%)

Green (69%)

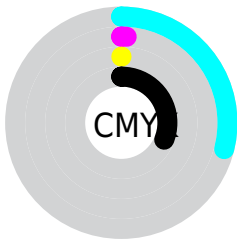
Blue (69%)



Red (49%)

Yellow (59%)

Blue (69%)

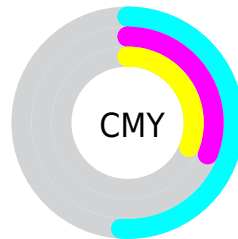


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.8650, 7.9546, -31.4536 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 160.8650, 7.9546, -31.4536 by changing the saturation by 10% instead.

■ 160.8650, 7.9546,
-31.4536

■ 160.8650, 7.9546,
-31.4536

255.0000, 0.0000,
0.0000

■ 134.1640, 7.8071,
-30.8388

■ 216.2670, 8.2494,
-32.6832

■ 108.1640, 7.8071,
-30.8388

■ 240.6480, 7.0755,
-29.5093

■ 83.2780, 8.2439,
-30.9388

■ 249.3190, 2.8007,
-11.6808

■ 58.3810, 8.6862,
-32.7831

■ 36.5660, 8.1020,
-32.0684

■ 21.8450, 5.0064,
-19.1581

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 160.8650, 7.9546,
-31.4536

■ 160.8650, 7.9546,
-31.4536

■ 155.4830, 10.6079,
-42.5196

■ 166.2470, 5.3012,
-20.3876

■ 149.8130, 13.4032,
-52.4560

■ 171.9170, 2.5059,
-10.4512

■ 144.4310, 16.0565,
-63.5220

■ 177.2990, -0.1474,
0.6148

■ 139.0490, 18.7098,
-74.5880

■ 182.6810, -2.8007,
11.6808

■ 133.3790, 21.5052,
-84.5244

■ 188.6500, -5.7434,
22.2320

■ 127.9970, 24.1585,
-95.5904

■ 193.7330, -8.2494,
32.6832

■ 122.6150, 26.8118,
-106.6564

■ 199.1150,
-10.9027, 43.7491

■ 122.3160, 26.9592,
-107.2711

■ 201.4960,
-12.0765, 46.9230

Harmonies

Analogous

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



161.7320, -0.3609, -24.3210



160.8650, 7.9546, -31.4536



162.0700, 13.7695, -29.8794

Triad

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



160.8650, 7.9546, -31.4536



169.6560, 8.5506, 10.8257



167.0870, -15.3259, 15.7097

Complementary

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



160.8650, 7.9546, -31.4536



141.1350, -7.9546, 31.4536

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.



168.2390, -12.4428, 24.3464



160.8650, 7.9546, -31.4536



169.8980, 1.5293, 22.8915

Square

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



160.8650, 7.9546, -31.4536



167.9360, 13.8356, -4.3289



169.2700, -6.0491, 26.9502



165.0530, -13.8301, 2.5845

Rectangle

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



160.8650, 7.9546, -31.4536



163.6840, 15.9318, -23.4019



169.2700, -6.0491, 26.9502



167.3370, -14.4631, 18.9985

Sweetspot

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



160.8650, 7.9546, -31.4536



223.1340, 3.3849, -12.3955



155.6380, -14.6115, -26.8695



111.1130, 1.9163, -7.9921



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



160.8650, 7.9546, -31.4536



204.6070, 12.5187, -48.7673



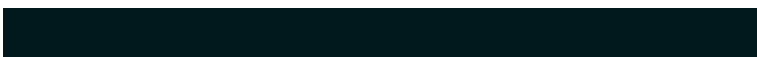
145.6030, 15.4787, -18.0688



86.3090, 1.3267, -5.5330



105.4920, 23.4214, -92.5165



17.6390, 4.1220, -15.4694

Inverse Universe

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



146.3620, 14.6115, 26.8695



182.2250, 22.5671, 41.8987



156.3970, -15.4787, 18.0688



83.7170, 2.6045, 4.6332



62.8470, 42.9664, 79.0642



10.6240, 7.0874, 13.4848

Previews

White Background



This preview shows how the YUV color 160.8650, 7.9546, -31.4536 looks on a white background.

Color Contrast Check

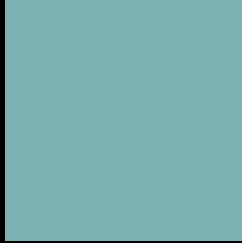
Large Text (above 18pt) WCAG AA × Fail

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 160.8650, 7.9546, -31.4536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

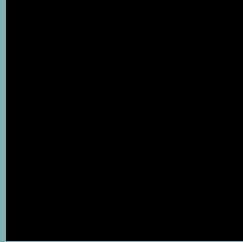
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.8650, 7.9546, -31.4536

Background



This preview shows how black text looks on a background with the YUV color 160.8650, 7.9546, -31.4536.



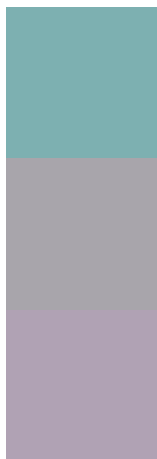
This preview shows how white text looks on a background with the YUV color 160.8650, 7.9546,

-31.4536.

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

160.8650, 7.9546, -31.4536

Protanopia

166.5810, 2.1786, 1.2445

Deuteranopia

168.2380, 5.7987, 6.8073



Tritanopia

161.8420, 12.8959, -29.6794

Trichromacy



Original Color

160.8650, 7.9546, -31.4536

Protanomaly

164.3730, 4.2531, -10.8511

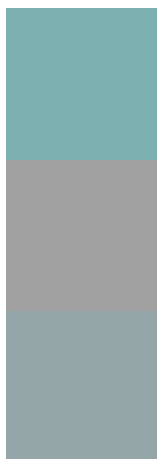
Deuteranomaly

165.3780, 6.7156, -7.3475

Tritanomaly

161.6740, 11.0067, -30.4091

Monochromacy



Original Color

160.8650, 7.9546, -31.4536

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.7320, 3.0901, -11.1660

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.8650, 7.9546, -31.4536 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, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(125, 176, 177)  
}
```

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, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 176, 177) }
```

Border

The CSS property to change the border of an element to YUV 160.8650, 7.9546, -31.4536 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, 176, 177) }
```


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

```
.border{ border-color:rgb(125, 176, 177) }
```

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

Here you see how a box with a 4 pixel rgb(125, 176, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(125, 176,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 160.8650, 7.9546, -31.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 176, 177) }
```

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

```
.background{ background-color: rgb(125,  
176, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor