

Converting Colors

YUV(151.0830, 7.3541,
-25.5058)

Have a look what the booklet for
YUV(151.0830, 7.3541, -25.5058)
contains.

YUV(151.0830, 7.3541, -25.5058)	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(151.0830, 7.3541,
-25.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA3A6
RGB	122, 163, 166
RGB Percent	48%, 64%, 65%
CMY	0.5216, 0.3608, 0.3490
CMYK	0.27, 0.02, 0.00, 0.35
HSL	184°, 20%, 56%
HSV	184°, 27%, 65%
XYZ	28.0062, 33.0851, 40.9864
YIQ	151.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

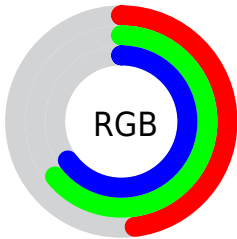
Format	Color
RYB	122, 143, 166
Decimal	8037286
CIELab	64.23, -13.10, -6.08
CIElCh	64, 14.443, 204.897
Yxy	33.0851, 0.2744, 0.3241
Android (android.graphics.Color)	4286227366 (0xFF7AA3A6)
YUV	151.0830, 7.3541, -25.5058
Hunter-Lab	57.5197, -13.7483, -1.9841

Details

The YUV color **151.0830, 7.3541, -25.5058** is a light color, and the websafe version is hex **669999**. A complement of this color would be **136.9170, -7.3541, 25.5058**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7840, 7.5015, -26.1206**, and **99.3820, 7.2067, -24.8910** is the 20% darker color. If you saturate the color by 10%, you get **145.4130, 10.1494, -35.4422**, and if you desaturate by 10%, it is **156.7530, 4.5588, -15.5694**.

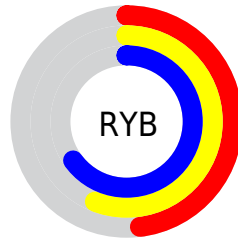
Distribution



Red (48%)

Green (64%)

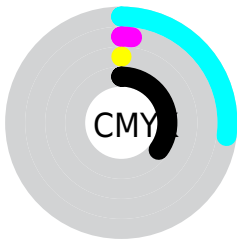
Blue (65%)



Red (48%)

Yellow (56%)

Blue (65%)

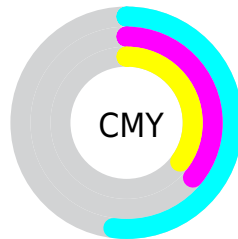


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (52%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0830, 7.3541, -25.5058 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 151.0830, 7.3541, -25.5058 by changing the saturation by 10% instead.

■ 151.0830, 7.3541,
-25.5058

■ 151.0830, 7.3541,
-25.5058

■ 255.0000, 0.0000,
0.0000

■ 125.0830, 7.3541,
-25.5058

■ 205.7840, 7.5015,
-26.1206

■ 99.3820, 7.2067,
-24.8910

■ 233.5990, 8.0857,
-26.8353

■ 75.3820, 7.2067,
-24.8910

■ 248.1230, 3.3904,
-14.1399

■ 51.0830, 7.3541,
-25.5058

■ 29.0830, 7.3541,
-25.5058

■ 15.6500, 4.1166,
-13.7250

■ 0.0000, 0.0000,

0.0000

■ 151.0830, 7.3541,
-25.5058

■ 151.0830, 7.3541,
-25.5058

■ 145.4130, 10.1494,
-35.4422

■ 156.7530, 4.5588,
-15.5694

■ 140.0420, 12.7973,
-44.7638

■ 162.1240, 1.9109,
-6.2477

■ 134.3720, 15.5926,
-54.7002

■ 167.7940, -0.8844,
3.6887

■ 128.4140, 18.5299,
-63.5071

■ 173.7520, -3.8217,
12.4955

■ 122.7440, 21.3252,
-73.4435

■ 179.4220, -6.6170,
22.4319

■ 117.0740, 24.1205,
-83.3799

■ 185.0920, -9.4124,
32.3683

■ 111.7030, 26.7684,
-92.7015

■ 190.4630,
-12.0603, 41.6899

■ 109.9090, 27.6529,
-96.3902

■ 196.1330,
-14.8556, 51.6264

■ 196.7200,
-15.1450, 51.1116

Harmonies

Analogous

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



151.0960, 0.9387, -21.1322



151.0830, 7.3541, -25.5058



152.2450, 11.7112, -23.0169

Triad

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



151.0830, 7.3541, -25.5058



157.7870, 6.5140, 10.7108



155.4500, -12.5468, 11.0064

Complementary

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



151.0830, 7.3541, -25.5058



136.9170, -7.3541, 25.5058

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.



156.9610, -10.8268, 19.3282



151.0830, 7.3541, -25.5058



158.1210, -0.0597, 19.1879

Square

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



151.0830, 7.3541, -25.5058



156.5620, 11.0619, -1.3699



157.5360, -6.1802, 22.3319



153.8400, -10.7671, 0.1403

Rectangle

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



151.0830, 7.3541, -25.5058



153.9190, 12.8579, -17.4690



157.5360, -6.1802, 22.3319



156.1730, -12.4103, 13.8803

Sweetspot

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



151.0830, 7.3541, -25.5058



211.0310, 2.9427, -10.5512



148.1700, -11.4228, -22.9511



106.1240, 1.9109, -6.2477



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



151.0830, 7.3541, -25.5058



193.1350, 11.7654, -40.4604



138.1690, 13.7207, -14.1802



81.6080, 1.1793, -4.9182



97.8780, 24.7101, -85.8390



13.4330, 3.2375, -11.7807

Inverse Universe

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



139.8300, 11.4228, 22.9511



175.3400, 18.0734, 36.5358



149.8310, -13.7207, 14.1802



79.3040, 2.3151, 4.1184



59.9840, 38.4619, 77.1900



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 151.0830, 7.3541, -25.5058 looks on a white background.

Color Contrast Check

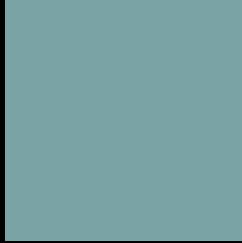
Large Text (above 18pt) WCAG AA × Fail

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 151.0830, 7.3541, -25.5058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

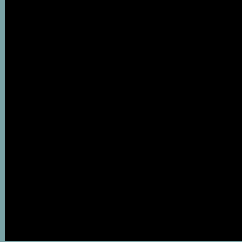
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

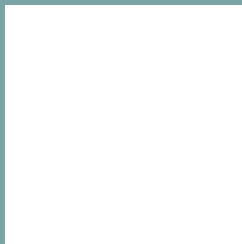
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.0830, 7.3541, -25.5058

Background



This preview shows how black text looks on a background with the YUV color 151.0830, 7.3541, -25.5058.



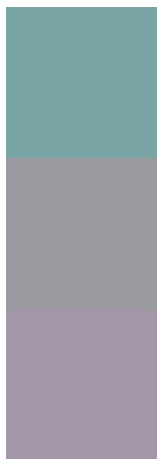
This preview shows how white text looks on a background with the YUV color 151.0830, 7.3541, -25.5058.

-25.5058.

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

151.0830, 7.3541, -25.5058

Protanopia

155.3960, 2.7628, 0.5297

Deuteranopia

156.9390, 5.9461, 6.1925



Tritanopia

152.1200, 11.2798, -24.6612

Trichromacy



Original Color

151.0830, 7.3541, -25.5058

Protanomaly

153.7970, 4.5371, -8.5920

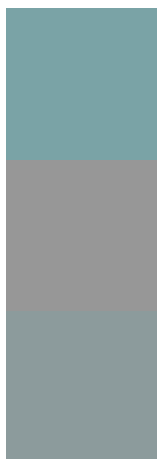
Deuteranomaly

154.6880, 6.5628, -4.9884

Tritanomaly

151.4790, 10.1169, -24.9761

Monochromacy



Original Color

151.0830, 7.3541, -25.5058

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.6290, 2.6479, -9.3216

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0830, 7.3541, -25.5058 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(122, 163, 166)` looks like.

```
.text, #text, p{  
    color:rgb(122, 163, 166)  
}
```

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(122, 163, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 163, 166) }
```

Border

The CSS property to change the border of an element to YUV 151.0830, 7.3541, -25.5058 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(122, 163, 166) }
```


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

```
.border{ border-color:rgb(122, 163, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 163, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(122, 163,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 151.0830, 7.3541, -25.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 163, 166) }
```

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

```
.background{ background-color: rgb(122,  
163, 166) }
```

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