

Converting Colors

YUV(159.8110, 6.5022,
-32.2832)

Have a look what the booklet for
YUV(159.8110, 6.5022, -32.2832)
contains.

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Color

**YUV(159.8110, 6.5022,
-32.2832)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB0AD
RGB	123, 176, 173
RGB Percent	48%, 69%, 68%
CMY	0.5176, 0.3098, 0.3216
CMYK	0.30, 0.00, 0.02, 0.31
HSL	177°, 25%, 59%
HSV	177°, 30%, 69%
XYZ	31.2365, 38.2788, 45.2774
YIQ	159.8110, -30.6250, -12.1690

Conversions

Conversions Part 2

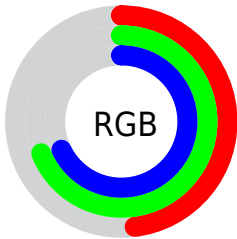
Format	Color
RYB	123, 150, 176
Decimal	8106157
CIELab	68.23, -17.99, -4.06
CIElCh	68, 18.448, 192.727
Yxy	38.2788, 0.2721, 0.3335
Android (android.graphics.Color)	4286296237 (0xFF7BB0AD)
YUV	159.8110, 6.5022, -32.2832
Hunter-Lab	61.8698, -18.1520, -0.0805

Details

The YUV color **159.8110, 6.5022, -32.2832** is a light color, and the websafe version is hex **669999**. A complement of this color would be **139.1890, -6.5022, 32.2832**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0990, 6.3602, -33.4128**, and **107.2240, 6.7916, -31.7684** is the 20% darker color. If you saturate the color by 10%, you get **154.3150, 8.7187, -43.2493**, and if you desaturate by 10%, it is **165.3070, 4.2856, -21.3172**.

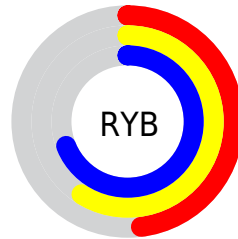
Distribution



Red (48%)

Green (69%)

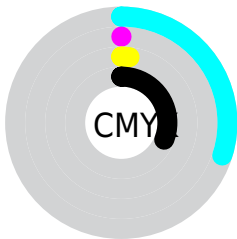
Blue (68%)



Red (48%)

Yellow (59%)

Blue (69%)

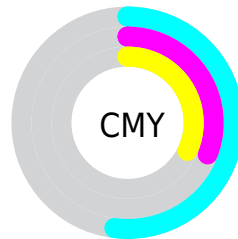


Cyan (30%)

Magenta (0%)

Yellow (2%)

Black (31%)



Cyan (52%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.8110, 6.5022, -32.2832 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 159.8110, 6.5022, -32.2832 by changing the saturation by 10% instead.

■ 159.8110, 6.5022,
-32.2832

■ 159.8110, 6.5022,
-32.2832

255.0000, 0.0000,
0.0000

■ 133.1100, 6.3548,
-31.6685

■ 215.0990, 6.3602,
-33.4128

■ 107.2240, 6.7916,
-31.7684

■ 240.0500, 7.3704,
-30.7388

■ 82.2240, 6.7916,
-31.7684

■ 248.7210, 3.0955,
-12.9103

■ 57.3270, 7.2338,
-33.6128

■ 35.6370, 7.0810,
-31.2536

■ 21.5030, 3.6960,
-18.8581

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 159.8110, 6.5022,
-32.2832

■ 159.8110, 6.5022,
-32.2832

■ 154.3150, 8.7187,
-43.2493

■ 165.3070, 4.2856,
-21.3172

■ 149.1180, 10.7878,
-53.6005

■ 170.5040, 2.2165,
-10.9660

■ 143.6220, 13.0044,
-64.5665

■ 176.0000, 0.0000,
0.0000

■ 138.4250, 15.0735,
-74.9177

■ 181.1970, -2.0691,
10.3512

■ 132.9290, 17.2900,
-85.8837

■ 186.6930, -4.2856,
21.3172

■ 127.4330, 19.5065,
-96.8497

■ 192.1890, -6.5022,
32.2832

■ 122.2360, 21.5757,
-107.2010

■ 197.3860, -8.5713,
42.6345

■ 200.1910, -9.4612,
48.0675

■ 200.3050, -9.0244,
47.9675

Harmonies

Analogous

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



160.8740, -2.4029, -22.6915



159.8110, 6.5022, -32.2832



160.3470, 13.6329, -32.7533

Triad

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



159.8110, 6.5022, -32.2832



168.9160, 10.8874, 7.9667



166.6960, -15.6261, 18.6836

Complementary

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



159.8110, 6.5022, -32.2832



139.1890, -6.5022, 32.2832

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.



168.0760, -11.8695, 27.1203



159.8110, 6.5022, -32.2832



169.7560, 3.5713, 21.2620

Square

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



159.8110, 6.5022, -32.2832



166.4840, 16.0304, -8.3175



169.3240, -4.5967, 27.7799



164.7330, -15.1514, 6.3732

Rectangle

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



159.8110, 6.5022, -32.2832



162.0640, 16.2374, -28.1201



169.3240, -4.5967, 27.7799



166.9460, -14.7634, 21.9724

Sweetspot

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



159.8110, 6.5022, -32.2832



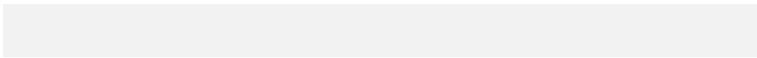
223.4930, 2.2220, -12.7104



155.3070, -15.9274, -24.8252



110.9990, 1.4795, -7.8921



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.



159.8110, 6.5022, -32.2832



204.6130, 10.0508, -50.5266



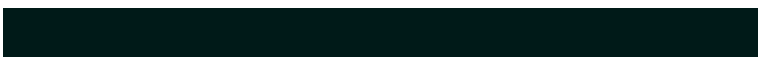
146.6520, 14.4686, -20.7428



86.3090, 1.3267, -5.5330



106.2270, 18.6221, -93.1611



17.9980, 2.9590, -15.7842

Inverse Universe

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



139.1890, -6.5022, 32.2832



172.3870, -10.0508, 50.5266



152.3480, -14.4686, 20.7428



82.8050, -0.8899, 5.4330



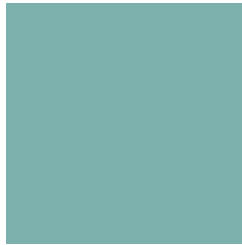
46.7730, -18.6221, 93.1611



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 159.8110, 6.5022, -32.2832 looks on a white background.

Color Contrast Check

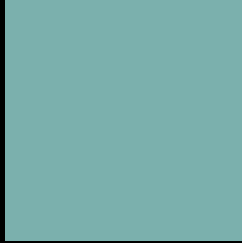
Large Text (above 18pt) WCAG AA × Fail

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 159.8110, 6.5022, -32.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

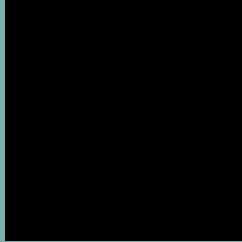
Any Text WCAG AA ✓ Pass

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 159.8110, 6.5022, -32.2832 Background



This preview shows how black text looks on a background with the YUV color 159.8110, 6.5022, -32.2832.



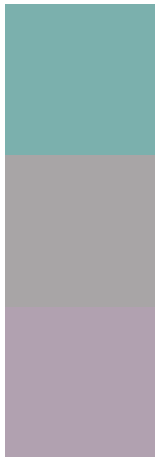
This preview shows how white text looks on a background with the YUV color 159.8110, 6.5022,

-32.2832.

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

159.8110, 6.5022, -32.2832

Protanopia

166.0110, -0.0054, 1.7444

Deuteranopia

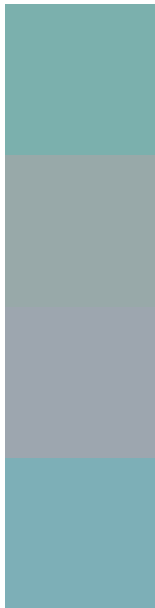
167.4940, 4.1935, 8.3368



Tritanopia

161.2440, 13.1907, -30.9090

Trichromacy



Original Color

159.8110, 6.5022, -32.2832

Protanomaly

163.9170, 2.5059, -10.4512

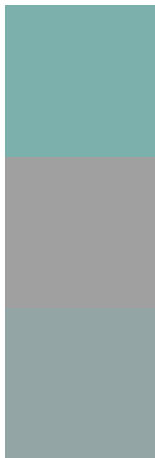
Deuteranomaly

164.3350, 5.2578, -6.4328

Tritanomaly

160.9620, 10.8647, -31.5387

Monochromacy



Original Color

159.8110, 6.5022, -32.2832

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2050, 2.3639, -11.5808

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.8110, 6.5022, -32.2832 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(123, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(123, 176, 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(123, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 176, 173) }
```

Border

The CSS property to change the border of an element to YUV 159.8110, 6.5022, -32.2832 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(123, 176, 173) }
```


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

```
.border{ border-color:rgb(123, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(123, 176,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 159.8110, 6.5022, -32.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 176, 173) }
```

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

```
.background{ background-color: rgb(123,  
176, 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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