

Converting Colors

YUV(171.4950, 9.1230,
-32.8831)

Have a look what the booklet for
YUV(171.4950, 9.1230, -32.8831)
contains.

YUV(171.4950, 9.1230, -32.8831)	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(171.4950, 9.1230,
-32.8831)**

Conversions

Conversions Part 1

Format	Color
Hex	86BBBE
RGB	134, 187, 190
RGB Percent	53%, 73%, 75%
CMY	0.4745, 0.2667, 0.2549
CMYK	0.29, 0.02, 0.00, 0.25
HSL	183°, 30%, 64%
HSV	183°, 29%, 75%
XYZ	36.8961, 44.3267, 55.3265
YIQ	171.4950, -32.5510, -10.3030

Conversions

Conversions Part 2

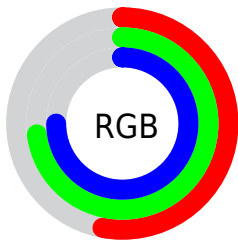
Format	Color
RYB	134, 161, 190
Decimal	8829886
CIELab	72.45, -16.49, -7.10
CIElCh	72, 17.958, 203.296
Yxy	44.3267, 0.2702, 0.3246
Android (android.graphics.Color)	4287019966 (0xFF86BBBE)
YUV	171.4950, 9.1230, -32.8831
Hunter-Lab	66.5783, -17.5916, -2.6651

Details

The YUV color $171.4950, 9.1230, -32.8831$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $152.5050, -9.1230, 32.8831$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.1960, 9.2704, -33.4979$, and $118.7940, 8.9756, -32.2683$ is the 20% darker color. If you saturate the color by 10%, you get $165.2270, 12.2131, -44.0491$, and if you desaturate by 10%, it is $177.7630, 6.0328, -21.7172$.

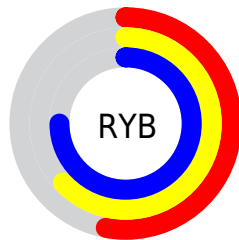
Distribution



Red (53%)

Green (73%)

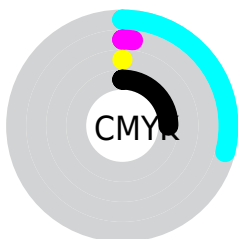
Blue (75%)



Red (53%)

Yellow (63%)

Blue (75%)

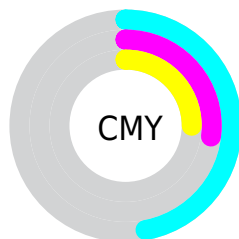


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4950, 9.1230, -32.8831 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 171.4950, 9.1230, -32.8831 by changing the saturation by 10% instead.

■ 171.4950, 9.1230,
-32.8831

■ 171.4950, 9.1230,
-32.8831

■ 255.0000, 0.0000,
0.0000

■ 144.7940, 8.9756,
-32.2683

■ 227.1960, 9.2704,
-33.4979

■ 118.7940, 8.9756,
-32.2683

■ 243.6380, 5.6015,
-23.3615

■ 92.7940, 8.9756,
-32.2683

■ 252.3090, 1.3267,
-5.5330

■ 68.1960, 9.2704,
-33.4979

■ 43.1030, 10.3022,
-37.8013

■ 27.6810, 7.0593,
-24.2762

■ 12.4870, 4.6899,

-10.9511

■ 0.0000, 0.0000,
0.0000

■ 171.4950, 9.1230,
-32.8831

■ 171.4950, 9.1230,
-32.8831

■ 165.2270, 12.2131,
-44.0491

■ 177.7630, 6.0328,
-21.7172

■ 158.9590, 15.3032,
-55.2150

■ 184.0310, 2.9427,
-10.5512

■ 152.6910, 18.3933,
-66.3810

■ 190.2990, -0.1474,
0.6148

■ 146.4230, 21.4835,
-77.5470

■ 196.5670, -3.2375,
11.7807

■ 140.1550, 24.5736,
-88.7129

■ 202.8350, -6.3277,
22.9467

■ 133.8870, 27.6637,
-99.8789

■ 209.1030, -9.4178,
34.1127

■ 127.6190, 30.7538,
-111.0449

■ 211.7830,
-10.7390, 37.9013

■ 127.3200, 30.9012,
-111.6596

■ 212.3700,
-11.0284, 37.3865

■ 212.9570,
-11.3178, 36.8717

Harmonies

Analogous

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



171.9490, 0.5181, -26.2653



171.4950, 9.1230, -32.8831



173.2980, 14.6431, -30.0793

Triad

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



171.4950, 9.1230, -32.8831



180.8520, 7.9610, 13.2848



177.2610, -15.9047, 14.6801

Complementary

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



171.4950, 9.1230, -32.8831



152.5050, -9.1230, 32.8831

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.



179.0110, -13.3164, 24.5464



171.4950, 9.1230, -32.8831



180.9690, 0.5083, 23.7062

Square

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



171.4950, 9.1230, -32.8831



179.0610, 14.2669, -2.6845



180.2270, -7.5069, 27.8649



175.9280, -14.2615, 0.9401

Rectangle

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



171.4950, 9.1230, -32.8831



174.9120, 16.8054, -23.6018



180.2270, -7.5069, 27.8649



177.8100, -15.1893, 18.5836

Sweetspot

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



171.4950, 9.1230, -32.8831



239.8350, 3.5323, -13.0103



167.2140, -14.8955, -29.1287



120.2270, 2.3531, -8.0921



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



171.4950, 9.1230, -32.8831



218.9380, 13.8346, -50.8116



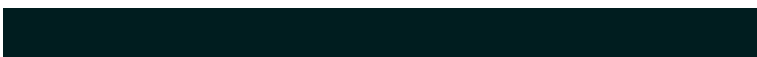
155.0590, 17.2259, -18.4687



91.3090, 1.3267, -5.5330



106.0620, 25.6054, -93.0164



20.5570, 5.1484, -18.0285

Inverse Universe

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



156.7860, 14.8955, 29.1287



196.0620, 23.1404, 44.6726



168.9410, -17.2259, 18.4687



88.7170, 2.6045, 4.6332



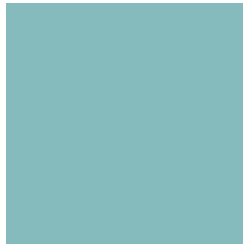
64.3420, 42.2294, 82.1381



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 171.4950, 9.1230, -32.8831 looks on a white background.

Color Contrast Check

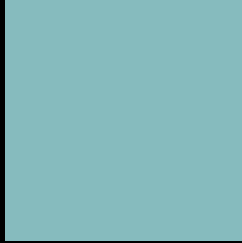
Large Text (above 18pt) WCAG AA × Fail

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 171.4950, 9.1230, -32.8831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

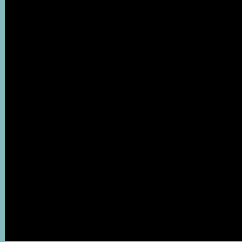
Any Text WCAG AA ✓ Pass

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 171.4950, 9.1230, -32.8831 Background



This preview shows how black text looks on a background with the YUV color 171.4950, 9.1230, -32.8831.



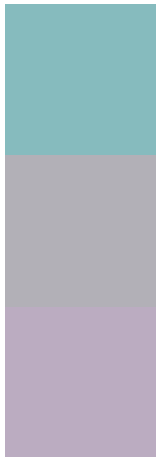
This preview shows how white text looks on a background with the YUV color 171.4950, 9.1230,

-32.8831.

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

171.4950, 9.1230, -32.8831

Protanopia

177.3960, 2.7628, 0.5297

Deuteranopia

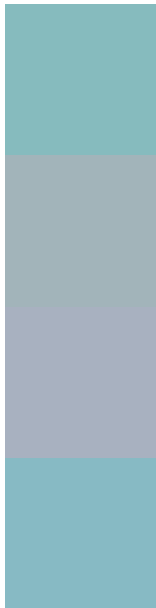
178.8790, 6.9617, 7.1221



Tritanopia

172.0590, 13.7749, -31.6237

Trichromacy



Original Color

171.4950, 9.1230, -32.8831

Protanomaly

175.3020, 5.2741, -11.6659

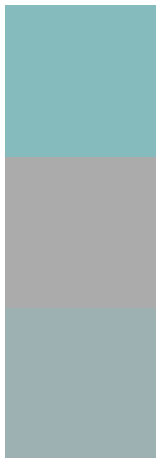
Deuteranomaly

176.0190, 7.8786, -7.0327

Tritanomaly

171.8910, 11.8857, -32.3534

Monochromacy



Original Color

171.4950, 9.1230, -32.8831

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.4330, 3.2375, -11.7807

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4950, 9.1230, -32.8831 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(134, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(134, 187, 190)  
}
```

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(134, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 187, 190) }
```

Border

The CSS property to change the border of an element to YUV 171.4950, 9.1230, -32.8831 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(134, 187, 190) }
```


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

```
.border{ border-color:rgb(134, 187, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(134, 187,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 171.4950, 9.1230, -32.8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 187, 190) }
```

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

```
.background{ background-color: rgb(134,  
187, 190) }
```

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