

Converting Colors

YUV(154.8010, -8.2829, -3.3335)

Have a look what the booklet for
YUV(154.8010, -8.2829, -3.3335)
contains.

YUV(154.8010, -8.2829, -3.3335)	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(154.8010, -8.2829,
-3.3335)**

Conversions

Conversions Part 1

Format	Color
Hex	97A08A
RGB	151, 160, 138
RGB Percent	59%, 63%, 54%
CMY	0.4078, 0.3725, 0.4588
CMYK	0.06, 0.00, 0.14, 0.37
HSL	85°, 10%, 58%
HSV	85°, 14%, 63%
XYZ	29.9207, 33.5559, 28.9447
YIQ	154.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

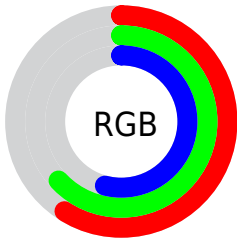
Format	Color
RYB	138, 160, 147
Decimal	9937034
CIELab	64.61, -7.32, 10.38
CIELCh	65, 12.702, 125.178
Yxy	33.5559, 0.3237, 0.3631
Android (android.graphics.Color)	4288127114 (0xFF97A08A)
YUV	154.8010, -8.2829, -3.3335
Hunter-Lab	57.9275, -9.1740, 10.9237

Details

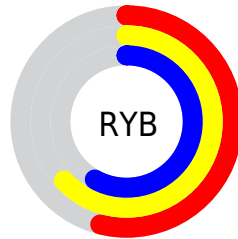
The YUV color **154.8010, -8.2829, -3.3335** is a light color, and the websafe version is hex **999999**. A complement of this color would be **143.1990, 8.2829, 3.3335**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2740, -9.0091, -3.7483**, and **103.9150, -7.8461, -3.4335** is the 20% darker color. If you saturate the color by 10%, you get **150.8840, -14.2398, -6.0373**, and if you desaturate by 10%, it is **158.7180, -2.3260, -0.6297**.

Distribution



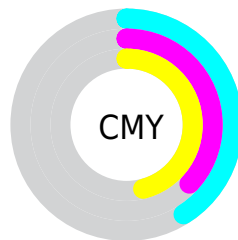
- Red (59%)
- Green (63%)
- Blue (54%)



- Red (54%)
- Yellow (63%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (41%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8010, -8.2829, -3.3335 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 154.8010, -8.2829, -3.3335 by changing the saturation by 10% instead.

■ 154.8010, -8.2829,
-3.3335

■ 154.8010, -8.2829,
-3.3335

255.0000, 0.0000,
0.0000

■ 128.9150, -7.8461,
-3.4335

■ 209.2740, -9.0091,
-3.7483

■ 103.9150, -7.8461,
-3.4335

■ 237.2740, -9.0091,
-3.7483

■ 79.4420, -7.1199,
-3.0186

■ 254.2020, -3.0576,
0.6998

■ 56.5560, -6.6831,
-3.1186

■ 34.9690, -6.3937,
-2.6038

■ 13.2460, -6.5303,
-5.4777

■ 0.0000, 0.0000,

0.0000

■ 154.8010, -8.2829,
-3.3335

■ 154.8010, -8.2829,
-3.3335

■ 150.8840,
-14.2398, -6.0373

■ 158.7180, -2.3260,
-0.6297

■ 147.2660,
-20.3441, -8.1263

■ 162.3360, 3.7784,
1.4593

■ 143.3490,
-26.3011, -10.8301

■ 166.2530, 9.7353,
4.1631

■ 139.7310,
-32.4054, -12.9191

■ 169.8710, 15.8396,
6.2521

■ 135.8140,
-38.3623, -15.6229

■ 173.7880, 21.7965,
8.9559

■ 132.1960,
-44.4666, -17.7119

■ 177.4060, 27.9008,
11.0449

■ 128.2790,
-50.4235, -20.4157

■ 181.3230, 33.8578,
13.7487

■ 124.6610,
-56.5279, -22.5047

■ 183.6870, 35.1573,
16.9375

■ 122.3250,
-60.3062, -23.9640

■ 185.7800, 34.1255,
21.2409

Harmonies

Analogous

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



156.4710, -11.0782, 6.6029



154.8010, -8.2829, -3.3335



153.4130, -3.1616, -12.6402

Triad

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



154.8010, -8.2829, -3.3335



154.1640, 11.2581, -17.6838



158.9530, -1.9488, 18.4582

Complementary

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



154.8010, -8.2829, -3.3335



143.1990, 8.2829, 3.3335

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.



158.7010, 3.5984, 12.5402



154.8010, -8.2829, -3.3335



156.5180, 11.0836, -8.3473

Square

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



154.8010, -8.2829, -3.3335



153.2190, 7.7800, -22.1171



157.9000, 8.4303, 2.7187



158.2860, -7.0430, 19.0432

Rectangle

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



154.8010, -8.2829, -3.3335



152.7050, 0.6384, -18.1583



157.9000, 8.4303, 2.7187



159.1100, -0.0542, 17.4435

Sweetspot

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



154.8010, -8.2829, -3.3335



207.1910, -3.0522, -1.0445



149.8610, -5.8475, 8.8919



103.4190, -2.1786, -1.2445



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



154.8010, -8.2829, -3.3335



200.8240, -13.2242, -5.1076



151.5120, -6.6614, -10.0960



77.1910, -3.0522, -1.0445



109.0570, -53.7651, -21.9750



11.4960, -5.6675, -2.1890

Inverse Universe

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



143.1990, 8.2829, 3.3335



182.1760, 13.2242, 5.1076



146.4880, 6.6614, 10.0960



72.8090, 3.0522, 1.0445



33.6440, 53.9125, 21.3602



3.5040, 5.6675, 2.1890

Previews

White Background



This preview shows how the YUV color 154.8010, -8.2829, -3.3335 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 154.8010, -8.2829, -3.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

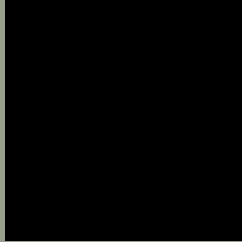
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

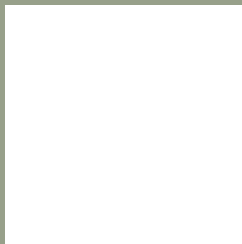
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.8010, -8.2829, -3.3335

Background



This preview shows how black text looks on a background with the YUV color 154.8010, -8.2829, -3.3335.



This preview shows how white text looks on a background with the YUV color 154.8010, -8.2829, -3.3335.

-3.3335.

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

154.8010, -8.2829, -3.3335

Protanopia

156.1120, -9.9152, 6.9178

Deuteranopia

157.8190, -8.7848, 17.6987



Tritanopia

157.0690, 5.3890, -1.8145

Trichromacy



Original Color

154.8010, -8.2829, -3.3335

Protanomaly

155.3180, -9.0308, 3.2291

Deuteranomaly

156.4760, -8.6157, 10.1065

Tritanomaly

156.1030, 0.4422, -1.8443

Monochromacy



Original Color

154.8010, -8.2829, -3.3335

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.1910, -3.0522, -1.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8010, -8.2829, -3.3335 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(151, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 138)  
}
```

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(151, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 138) }
```

Border

The CSS property to change the border of an element to YUV 154.8010, -8.2829, -3.3335 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(151, 160, 138) }
```


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

```
.border{ border-color:rgb(151, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 154.8010, -8.2829, -3.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 138) }
```

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

```
.background{ background-color: rgb(151,  
160, 138) }
```

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