

Converting Colors

YUV(159.5810, -18.0344,
-2.2635)

Have a look what the booklet for
YUV(159.5810, -18.0344, -2.2635)
contains.

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Color

**YUV(159.5810, -18.0344,
-2.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA87B
RGB	157, 168, 123
RGB Percent	62%, 66%, 48%
CMY	0.3843, 0.3412, 0.5176
CMYK	0.07, 0.00, 0.27, 0.34
HSL	75°, 21%, 57%
HSV	75°, 27%, 66%
XYZ	31.4824, 36.6034, 24.1448
YIQ	159.5810, 7.8890, -16.3270

Conversions

Conversions Part 2

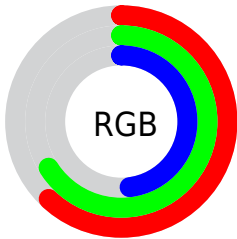
Format	Color
RYB	123, 168, 134
Decimal	10332283
CIELab	66.98, -11.72, 22.01
CIELCh	67, 24.935, 118.025
Yxy	36.6034, 0.3413, 0.3969
Android (android.graphics.Color)	4288522363 (0xFF9DA87B)
YUV	159.5810, -18.0344, -2.2635
Hunter-Lab	60.5008, -12.9914, 18.6890

Details

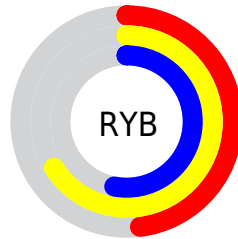
The YUV color **159.5810, -18.0344, -2.2635** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **131.4190, 18.0344, 2.2635**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3530, -18.9080, -2.0636**, and **107.9230, -16.7240, -2.5635** is the 20% darker color. If you saturate the color by 10%, you get **156.4470, -24.8704, -3.0230**, and if you desaturate by 10%, it is **162.7150, -11.1985, -1.5041**.

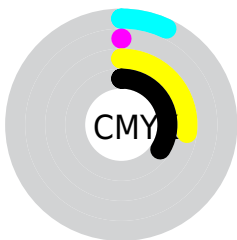
Distribution



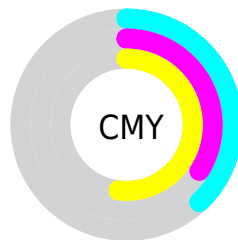
- Red (62%)
- Green (66%)
- Blue (48%)



- Red (48%)
- Yellow (66%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (27%)
- Black (34%)



- Cyan (38%)
- Magenta (34%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5810, -18.0344, -2.2635 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 159.5810, -18.0344, -2.2635 by changing the saturation by 10% instead.

■ 159.5810,
-18.0344, -2.2635

■ 159.5810,
-18.0344, -2.2635

■ 255.0000, 0.0000,
0.0000

■ 133.6950,
-17.5976, -2.3635

■ 214.3530,
-18.9080, -2.0636

■ 107.9230,
-16.7240, -2.5635

■ 242.8260,
-19.6342, -2.4784

■ 83.4500, -15.9978,
-2.1486

■ 252.2640,
-10.4832, 2.3995

■ 60.2650, -15.4136,
-2.8634

■ 38.0370, -16.2872,
-2.6634

■ 17.9530, -8.8508,
-7.8518

■ 0.0000, 0.0000,

0.0000

■ 159.5810,
-18.0344, -2.2635

■ 159.5810,
-18.0344, -2.2635

■ 156.4470,
-24.8704, -3.0230

■ 162.7150,
-11.1985, -1.5041

■ 153.3130,
-31.7063, -3.7825

■ 165.8490, -4.3626,
-0.7446

■ 150.2930,
-38.1054, -4.6420

■ 168.8690, 2.0366,
0.1149

■ 147.1590,
-44.9414, -5.4014

■ 172.0030, 8.8725,
0.8744

■ 143.7260,
-51.6299, -6.7757

■ 175.4360, 15.5611,
2.2486

■ 140.5920,
-58.4659, -7.5352

■ 178.5700, 22.3970,
3.0081

■ 137.4580,
-65.3018, -8.2947

■ 181.7040, 29.2329,
3.7676

■ 136.5890,
-67.3384, -8.4096

■ 184.4960, 34.7585,
4.8270

■ 185.6920, 34.1688,
7.2861

Harmonies

Analogous

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



162.0780, -21.7305, 16.5946



159.5810, -18.0344, -2.2635



156.5660, -8.6600, -22.4214

Triad

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



159.5810, -18.0344, -2.2635



155.4580, 21.9592, -43.3747



166.6930, -0.8346, 34.4722

Complementary

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



159.5810, -18.0344, -2.2635



131.4190, 18.0344, 2.2635

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.



166.7650, 9.9759, 20.3771



159.5810, -18.0344, -2.2635



160.2200, 23.0625, -23.8719

Square

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



159.5810, -18.0344, -2.2635



152.2910, 15.1395, -49.3672



165.1090, 18.1873, -0.0956



165.3700, -11.0284, 37.3865

Rectangle

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



159.5810, -18.0344, -2.2635



154.5520, -0.7651, -34.6871



165.1090, 18.1873, -0.0956



166.9960, 2.9600, 30.6985

Sweetspot

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



159.5810, -18.0344, -2.2635



215.8660, -6.8359, -0.7595



142.3250, -9.5272, 22.5170



107.8490, -4.3626, -0.7446



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.



159.5810, -18.0344, -2.2635



205.9370, -28.0699, -3.4527



153.0030, -14.7915, -15.7886



82.4900, -3.1996, -0.4297



120.3640, -59.3395, -7.3352



16.2250, -7.9989, -1.0743

Inverse Universe

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



131.4190, 18.0344, 2.2635



162.0630, 28.0699, 3.4527



137.9970, 14.7915, 15.7886



77.5100, 3.1996, 0.4297



27.6360, 59.3395, 7.3352



3.7750, 7.9989, 1.0743

Previews

White Background



This preview shows how the YUV color 159.5810, -18.0344, -2.2635 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 159.5810, -18.0344, -2.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

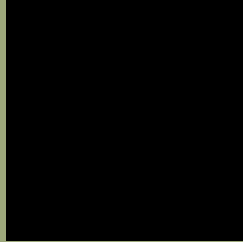
Any Text WCAG AA ✓ Pass

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 159.5810, -18.0344, -2.2635 Background



This preview shows how black text looks on a background with the YUV color 159.5810, -18.0344, -2.2635.



This preview shows how white text looks on a background with the YUV color 159.5810, -18.0344, -2.2635.

-2.2635.

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

159.5810, -18.0344, -2.2635

Protanopia

161.8000, -20.1144, 11.5764

Deuteranopia

162.9310, -18.7000, 24.6165



Tritanopia

163.3790, 5.2362, 0.5446

Trichromacy



Original Color

159.5810, -18.0344, -2.2635

Protanomaly

160.9950, -19.2245, 6.1434

Deuteranomaly

161.5770, -18.5255, 15.2800

Tritanomaly

162.0770, -3.4890, -0.9445

Monochromacy



Original Color

159.5810, -18.0344, -2.2635

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5810, -18.0344, -2.2635 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(157, 168, 123)` looks like.

```
.text, #text, p{  
    color:rgb(157, 168, 123)  
}
```

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(157, 168, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 168, 123) }
```

Border

The CSS property to change the border of an element to YUV 159.5810, -18.0344, -2.2635 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(157, 168, 123) }
```


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

```
.border{ border-color:rgb(157, 168, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 168, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 168, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 168, 123);  
box-shadow:4px 4px 4px 4px rgb(157, 168,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 159.5810, -18.0344, -2.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 168, 123) }
```

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

```
.background{ background-color: rgb(157,  
168, 123) }
```

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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