

Converting Colors

YUV(147.2770, -20.3496,
-6.3819)

Have a look what the booklet for
YUV(147.2770, -20.3496, -6.3819)
contains.

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Color

**YUV(147.2770, -20.3496,
-6.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9F6A
RGB	140, 159, 106
RGB Percent	55%, 62%, 42%
CMY	0.4510, 0.3765, 0.5843
CMYK	0.12, 0.00, 0.33, 0.38
HSL	82°, 22%, 52%
HSV	82°, 33%, 62%
XYZ	25.8149, 31.4123, 18.3383
YIQ	147.2770, 5.6890, -20.5110

Conversions

Conversions Part 2

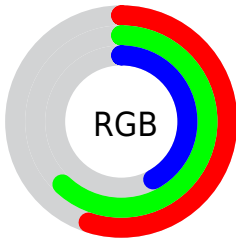
Format	Color
RYB	106, 159, 125
Decimal	9215850
CIELab	62.85, -16.09, 25.51
CIElCh	63, 30.155, 122.238
Yxy	31.4123, 0.3416, 0.4157
Android (android.graphics.Color)	4287405930 (0xFF8C9F6A)
YUV	147.2770, -20.3496, -6.3819
Hunter-Lab	56.0467, -15.8654, 19.8332

Details

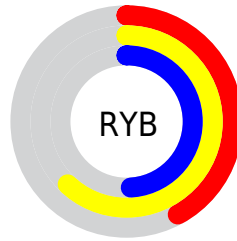
The YUV color $147.2770, -20.3496, -6.3819$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $117.7230, 20.3496, 6.3819$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.6360, -21.5125, -6.6968$, and $96.6190, -19.0392, -6.6819$ is the 20% darker color. If you saturate the color by 10%, you get $143.6590, -26.4539, -8.4709$, and if you desaturate by 10%, it is $150.8950, -14.2452, -4.2929$.

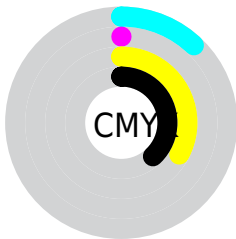
Distribution



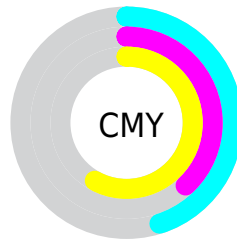
- Red (55%)
- Green (62%)
- Blue (42%)



- Red (42%)
- Yellow (62%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (33%)
- Black (38%)



- Cyan (45%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2770, -20.3496, -6.3819 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 147.2770, -20.3496, -6.3819 by changing the saturation by 10% instead.

■ 147.2770,
-20.3496, -6.3819

■ 147.2770,
-20.3496, -6.3819

■ 255.0000, 0.0000,
0.0000

■ 121.3910,
-19.9128, -6.4819

■ 201.6360,
-21.5125, -6.6968

■ 96.6190, -19.0392,
-6.6819

■ 229.5220,
-21.9493, -6.5968

■ 72.1460, -18.3130,
-6.2670

■ 249.0160,
-17.7559, 1.7400

■ 49.2600, -17.8762,
-6.3670

■ 253.4040, -6.1152,
1.3997

■ 28.5850, -14.0924,
-6.6520

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,

0.0000

■ 147.2770,
-20.3496, -6.3819

■ 147.2770,
-20.3496, -6.3819

■ 143.6590,
-26.4539, -8.4709

■ 150.8950,
-14.2452, -4.2929

■ 140.3400,
-32.7056, -9.9452

■ 154.2140, -7.9935,
-2.8187

■ 136.7220,
-38.8099, -12.0342

■ 157.8320, -1.8892,
-0.7297

■ 133.1040,
-44.9143, -14.1232

■ 161.4500, 4.2152,
1.3594

■ 129.8990,
-50.7292, -15.6974

■ 164.7690, 10.4669,
2.8336

■ 126.2810,
-56.8335, -17.7864

■ 168.2730, 16.1344,
5.0226

■ 123.8310,
-61.0487, -19.1458

■ 171.8910, 22.2387,
7.1116

■ 175.5090, 28.3431,
9.2006

■ 178.8280, 34.5948,
10.6748

Harmonies

Analogous

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



150.3400, -25.8036, 16.3648



147.2770, -20.3496, -6.3819



142.9240, -8.3435, -30.6283

Triad

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



147.2770, -20.3496, -6.3819



140.8140, 28.6857, -54.2109



155.3950, -2.1667, 41.7496

Complementary

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



147.2770, -20.3496, -6.3819



117.7230, 20.3496, 6.3819

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.



156.2220, 10.2436, 27.8693



147.2770, -20.3496, -6.3819



149.3490, 27.4359, -26.6161

Square

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



147.2770, -20.3496, -6.3819



135.6030, 21.8877, -67.1808



154.2280, 21.0866, 3.3080



153.9040, -14.2497, 43.9342

Rectangle

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



147.2770, -20.3496, -6.3819



139.8710, 2.0356, -46.3679



154.2280, 21.0866, 3.3080



155.5240, 2.2067, 39.0055

Sweetspot

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



147.2770, -20.3496, -6.3819



202.2140, -7.9935, -2.8187



133.0000, -13.3110, 22.8020



102.0230, -4.9413, -1.7742



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.



147.2770, -20.3496, -6.3819



188.5680, -31.8320, -10.1451



139.5030, -16.5170, -22.3661



77.1910, -3.0522, -1.0445



111.4490, -54.9444, -17.0568



11.7950, -5.8149, -1.5742

Inverse Universe

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



117.7230, 20.3496, 6.3819



142.4320, 31.8320, 10.1451



125.4970, 16.5170, 22.3661



72.8090, 3.0522, 1.0445



31.5510, 54.9444, 17.0568



3.2050, 5.8149, 1.5742

Previews

White Background



This preview shows how the YUV color 147.2770, -20.3496, -6.3819 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 147.2770, -20.3496, -6.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

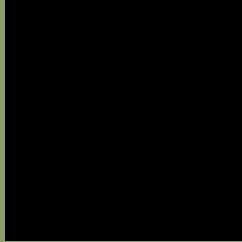
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.2770, -20.3496, -6.3819

Background



This preview shows how black text looks on a background with the YUV color 147.2770, -20.3496, -6.3819.



This preview shows how white text looks on a background with the YUV color 147.2770, -20.3496, -6.3819.

-6.3819.

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

147.2770, -20.3496, -6.3819

Protanopia

150.0020, -23.1720, 12.2762

Deuteranopia

151.3610, -20.8840, 25.1164



Tritanopia

152.1720, 5.8312, -3.6588

Trichromacy



Original Color

147.2770, -20.3496, -6.3819

Protanomaly

149.1860, -22.2767, 5.0989

Deuteranomaly

149.6970, -20.5566, 13.4207

Tritanomaly

150.6420, -3.7675, -4.9480

Monochromacy



Original Color

147.2770, -20.3496, -6.3819

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7410, -7.2673, -2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2770, -20.3496, -6.3819 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(140, 159, 106)` looks like.

```
.text, #text, p{  
    color:rgb(140, 159, 106)  
}
```

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(140, 159, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 159, 106) }
```

Border

The CSS property to change the border of an element to YUV 147.2770, -20.3496, -6.3819 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(140, 159, 106) }
```


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

```
.border{ border-color:rgb(140, 159, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 159, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 159, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 159, 106);  
box-shadow:4px 4px 4px 4px rgb(140, 159,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 147.2770, -20.3496, -6.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 159, 106) }
```

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

```
.background{ background-color: rgb(140,  
159, 106) }
```

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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