

Converting Colors

YUV(117.3400, -5.5906,
19.8728)

Have a look what the booklet for
YUV(117.3400, -5.5906, 19.8728)
contains.

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Color

**YUV(117.3400, -5.5906,
19.8728)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6C6A
RGB	140, 108, 106
RGB Percent	55%, 42%, 42%
CMY	0.4510, 0.5765, 0.5843
CMYK	0.00, 0.23, 0.24, 0.45
HSL	4°, 14%, 48%
HSV	4°, 24%, 55%
XYZ	18.7793, 17.3412, 15.9931
YIQ	117.3400, 19.7140, 6.1620

Conversions

Conversions Part 2

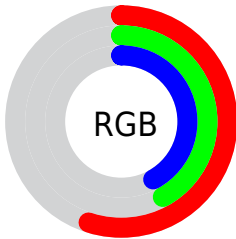
Format	Color
R_{YB}	140, 108, 106
Decimal	9202794
CIE Lab	48.69, 12.39, 6.00
CIE LCh	49, 13.772, 25.851
Yxy	17.3412, 0.3604, 0.3328
Android (android.graphics.Color)	4287392874 (0xFF8C6C6A)
YUV	117.3400, -5.5906, 19.8728
Hunter-Lab	41.6427, 7.6219, 6.3793

Details

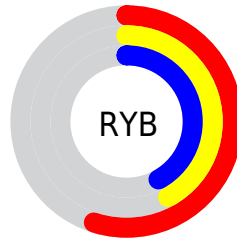
The YUV color **117.3400, -5.5906, 19.8728** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.6600, 5.5906, -19.8728**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8240, -6.3222, 21.2024**, and **68.5570, -4.7116, 17.9285** is the 20% darker color. If you saturate the color by 10%, you get **108.1130, -7.9437, 27.9649**, and if you desaturate by 10%, it is **126.5670, -3.2375, 11.7807**.

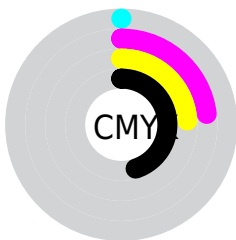
Distribution



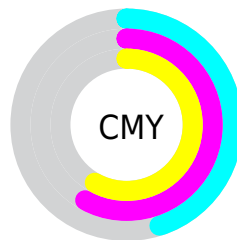
- Red (55%)
- Green (42%)
- Blue (42%)



- Red (55%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3400, -5.5906, 19.8728 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 117.3400, -5.5906, 19.8728 by changing the saturation by 10% instead.

■ 117.3400, -5.5906,
19.8728

■ 117.3400, -5.5906,
19.8728

255.0000, 0.0000,
0.0000

■ 92.7420, -5.2958,
18.6433

■ 169.8240, -6.3222,
21.2024

■ 68.5570, -4.7116,
17.9285

■ 197.1230, -6.4696,
21.8171

■ 45.9590, -4.4168,
16.6990

■ 224.8350, -6.3277,
22.9467

■ 24.9480, -4.4114,
14.9546

■ 246.2460, -3.0793,
7.6773

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 117.3400, -5.5906,
19.8728

■ 117.3400, -5.5906,
19.8728

■ 108.1130, -7.9437,
27.9649

■ 126.5670, -3.2375,
11.7807

■ 98.8860, -10.2968,
36.0570

■ 135.7940, -0.8844,
3.6887

■ 89.0720, -12.3605,
44.6639

■ 145.6080, 1.1793,
-4.9182

■ 79.8450, -14.7136,
52.7559

■ 154.8350, 3.5323,
-13.0103

■ 70.6180, -17.0667,
60.8480

■ 164.0620, 5.8854,
-21.1024

■ 61.3910, -19.4198,
68.9401

■ 173.2890, 8.2385,
-29.1945

■ 52.1640, -21.7729,
77.0322

■ 182.5160, 10.5916,
-37.2865

■ 46.5560, -22.9521,

■ 191.7430, 12.9447,

81.9504

-45.3786

 201.5570, 15.0084,
-53.9855

Harmonies

Analogous

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



118.1100, -0.0542, 17.4435



117.3400, -5.5906, 19.8728



116.8790, -9.8003, 16.7691

Triad

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



117.3400, -5.5906, 19.8728



112.8540, -5.3510, -10.3960



114.4250, 12.1155, -12.6507

Complementary

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



117.3400, -5.5906, 19.8728



128.6600, 5.5906, -19.8728

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.



112.0280, 10.8322, -21.0726



117.3400, -5.5906, 19.8728



111.2210, 1.3700, -19.4878

Square

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



117.3400, -5.5906, 19.8728



114.1820, -9.4567, -0.1596



110.9800, 6.9119, -23.6615



116.6330, 10.0409, -0.5551

Rectangle

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



117.3400, -5.5906, 19.8728



115.8030, -11.2419, 12.4508



110.9800, 6.9119, -23.6615



113.7020, 11.9789, -15.5247

Sweetspot

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



117.3400, -5.5906, 19.8728



172.4740, -2.2057, 7.4773



119.8140, 8.9657, 17.7031



86.9790, -1.4686, 4.4034



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.3400, -5.5906, 19.8728



146.3090, -8.5333, 30.4240



127.3190, -10.5103, 11.1212



64.0930, -1.0318, 4.3034



44.4630, -21.9203, 77.6469



1.4950, -0.7370, 3.0739

Inverse Universe

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



128.6600, 5.5906, -19.8728



163.6910, 8.5333, -30.4240



118.6810, 10.5103, -11.1212



66.3200, 1.3212, -3.7886



88.5370, 21.9203, -77.6469



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 117.3400, -5.5906, 19.8728 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 117.3400, -5.5906, 19.8728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

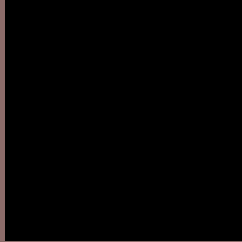
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.3400, -5.5906, 19.8728

Background



This preview shows how black text looks on a background with the YUV color 117.3400, -5.5906, 19.8728.

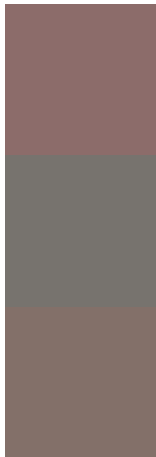


This preview shows how white text looks on a background with the YUV color 117.3400, -5.5906,

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

117.3400, -5.5906, 19.8728

Protanopia

115.6260, -2.7736, 2.9590

Deuteranopia

116.8830, -5.8583, 12.3806



Tritanopia

118.0780, -1.5175, 20.1026

Trichromacy



Original Color

117.3400, -5.5906, 19.8728

Protanomaly

116.1430, -3.5215, 9.5216

Deuteranomaly

117.1930, -6.0111, 14.7397

Tritanomaly

117.7360, -2.8278, 20.4025

Monochromacy



Original Color

117.3400, -5.5906, 19.8728

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3400, -5.5906, 19.8728 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, 108, 106)` looks like.

```
.text, #text, p{  
    color:rgb(140, 108, 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, 108, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 108, 106) }
```

Border

The CSS property to change the border of an element to YUV 117.3400, -5.5906, 19.8728 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, 108, 106) }
```


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

```
.border{ border-color:rgb(140, 108, 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, 108, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 108, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 108, 106);  
box-shadow:4px 4px 4px 4px rgb(140, 108,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 117.3400, -5.5906, 19.8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 108, 106) }
```

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

```
.background{ background-color: rgb(140,  
108, 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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