

Converting Colors

YUV(113.3310, -11.9952,
20.7577)

Have a look what the booklet for
YUV(113.3310, -11.9952, 20.7577)
contains.

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Color

**YUV(113.3310, -11.9952,
20.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	896A59
RGB	137, 106, 89
RGB Percent	54%, 42%, 35%
CMY	0.4627, 0.5843, 0.6510
CMYK	0.00, 0.23, 0.35, 0.46
HSL	21°, 21%, 44%
HSV	21°, 35%, 54%
XYZ	17.2737, 16.3477, 11.6962
YIQ	113.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

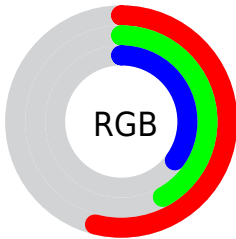
Format	Color
RYB	137, 115, 89
Decimal	9005657
CIELab	47.43, 9.82, 14.28
CIELCh	47, 17.336, 55.485
Yxy	16.3477, 0.3812, 0.3607
Android (android.graphics.Color)	4287195737 (0xFF896A59)
YUV	113.3310, -11.9952, 20.7577
Hunter-Lab	40.4323, 5.5034, 11.1513

Details

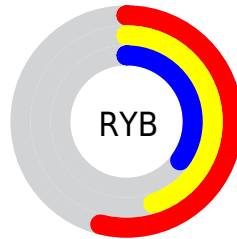
The YUV color **113.3310, -11.9952, 20.7577** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112.6690, 11.9952, -20.7577**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1140, -12.8742, 22.7020**, and **65.2490, -10.9688, 18.1986** is the 20% darker color. If you saturate the color by 10%, you get **106.4520, -15.5058, 26.7906**, and if you desaturate by 10%, it is **120.2100, -8.4845, 14.7248**.

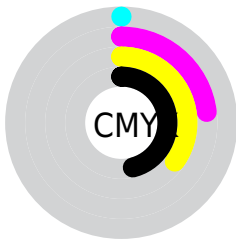
Distribution



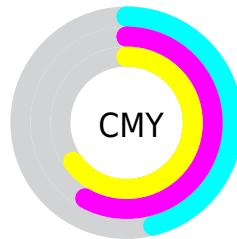
- Red (54%)
- Green (42%)
- Blue (35%)



- Red (54%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (46%)



- Cyan (46%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3310, -11.9952, 20.7577 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 113.3310, -11.9952, 20.7577 by changing the saturation by 10% instead.

■ 113.3310,
-11.9952, 20.7577

■ 113.3310,
-11.9952, 20.7577

■ 255.0000, 0.0000,
0.0000

■ 88.8470, -11.2636,
19.4282

■ 165.1140,
-12.8742, 22.7020

■ 65.2490, -10.9688,
18.1986

■ 192.5980,
-13.6058, 24.0316

■ 42.8790, -9.8003,
16.7691

■ 220.5980,
-13.6058, 24.0316

■ 21.9390, -10.8159,
15.8395

■ 242.2050,
-10.9471, 11.2212

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,
0.5999

■ 113.3310,
-11.9952, 20.7577

■ 113.3310,
-11.9952, 20.7577

■ 106.4520,
-15.5058, 26.7906

■ 120.2100, -8.4845,
14.7248

■ 99.6870, -18.5797,
32.7235

■ 126.9750, -5.4107,
8.7919

■ 92.8080, -22.0903,
38.7564

■ 133.8540, -1.9000,
2.7590

■ 86.5160, -25.8904,
44.2745

■ 140.1460, 1.9000,
-2.7590

■ 79.7510, -28.9642,
50.2074

■ 146.9110, 4.9739,
-8.6919

■ 72.8720, -32.4749,
56.2403

■ 153.7900, 8.4845,
-14.7248

■ 69.7260, -34.3749,
58.9993

■ 160.6690, 11.9952,
-20.7577

■ 167.5480, 15.5058,

-26.7906

■ 174.3130, 18.5797,
-32.7235

Harmonies

Analogous

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



114.4330, -6.6225, 24.1763



113.3310, -11.9952, 20.7577



112.1080, -13.8572, 11.3063

Triad

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



113.3310, -11.9952, 20.7577



106.8890, 1.5337, -25.3357



113.9040, 12.3723, -1.6698

Complementary

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



113.3310, -11.9952, 20.7577



112.6690, 11.9952, -20.7577

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.



110.5000, 15.0365, -16.2245



113.3310, -11.9952, 20.7577



106.3920, 8.6807, -31.0388

Square

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



113.3310, -11.9952, 20.7577



108.6040, -6.2138, -13.6847



107.4940, 14.0535, -27.6202



114.9120, 6.9454, 12.3552

Rectangle

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



113.3310, -11.9952, 20.7577



111.1780, -13.3988, 4.2289



107.4940, 14.0535, -27.6202



112.5120, 13.5516, -6.5880

Sweetspot

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



113.3310, -11.9952, 20.7577



169.0890, -4.9739, 8.6919



106.8860, 6.4652, 26.4100



83.6370, -2.7790, 4.7034



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



113.3310, -11.9952, 20.7577



141.6870, -18.5797, 32.7235



127.4190, -18.9406, 8.4025



65.2670, -1.6106, 3.2738



67.3560, -33.2065, 57.5698



2.6690, -1.3158, 2.0443

Inverse Universe

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



112.6690, 11.9952, -20.7577



140.7260, 18.8691, -32.2087



98.5810, 18.9406, -8.4025



65.1460, 1.9000, -2.7590



65.6440, 33.2065, -57.5698



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 113.3310, -11.9952, 20.7577 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 113.3310, -11.9952, 20.7577 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 113.3310, -11.9952, 20.7577

Background



This preview shows how black text looks on a background with the YUV color 113.3310, -11.9952, 20.7577.



This preview shows how white text looks on a background with the YUV color 113.3310, -11.9952, 20.7577.

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

113.3310, -11.9952, 20.7577

Protanopia

111.8130, -9.7678, 6.3030

Deuteranopia

113.0100, -11.8369, 16.6542



Tritanopia

114.6760, -1.8123, 21.3321

Trichromacy



Original Color

113.3310, -11.9952, 20.7577

Protanomaly

112.6180, -10.6577, 11.7360

Deuteranomaly

113.0210, -11.8424, 18.3986

Tritanomaly

114.0520, -5.4486, 21.0024

Monochromacy



Original Color

113.3310, -11.9952, 20.7577

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3310, -11.9952, 20.7577 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(137, 106, 89)` looks like.

```
.text, #text, p{  
    color:rgb(137, 106, 89)  
}
```

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(137, 106, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 106, 89) }
```

Border

The CSS property to change the border of an element to YUV 113.3310, -11.9952, 20.7577 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(137, 106, 89) }
```


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

```
.border{ border-color:rgb(137, 106, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 106, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 106, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 106, 89);  
box-shadow:4px 4px 4px 4px rgb(137, 106,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 113.3310, -11.9952, 20.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 106, 89) }
```

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

```
.background{ background-color: rgb(137,  
106, 89) }
```

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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