

Converting Colors

YUV(116.9900, -11.3341,
42.1048)

Have a look what the booklet for
YUV(116.9900, -11.3341, 42.1048)
contains.

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Color

**YUV(116.9900, -11.3341,
42.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	A5615E
RGB	165, 97, 94
RGB Percent	65%, 38%, 37%
CMY	0.3529, 0.6196, 0.6314
CMYK	0.00, 0.41, 0.43, 0.35
HSL	3°, 28%, 51%
HSV	3°, 43%, 65%
XYZ	21.8121, 17.3569, 12.7903
YIQ	116.9900, 41.4910, 13.4830

Conversions

Conversions Part 2

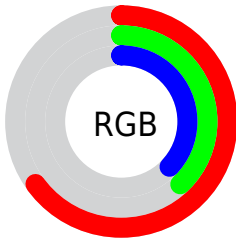
Format	Color
RYB	165, 97, 94
Decimal	10838366
CIELab	48.71, 27.21, 13.61
CIELCh	49, 30.426, 26.578
Yxy	17.3569, 0.4198, 0.3340
Android (android.graphics.Color)	4289028446 (0xFFA5615E)
YUV	116.9900, -11.3341, 42.1048
Hunter-Lab	41.6616, 20.5468, 10.9609

Details

The YUV color **116.9900, -11.3341, 42.1048** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **142.0100, 11.3341, -42.1048**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2570, -12.9447, 45.3786**, and **67.1250, -9.4286, 37.6014** is the 20% darker color. If you saturate the color by 10%, you get **105.7740, -13.6926, 51.9412**, and if you desaturate by 10%, it is **128.2060, -8.9756, 32.2683**.

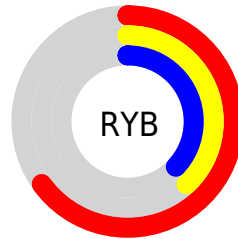
Distribution



Red (65%)

Green (38%)

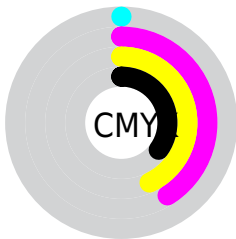
Blue (37%)



Red (65%)

Yellow (38%)

Blue (37%)

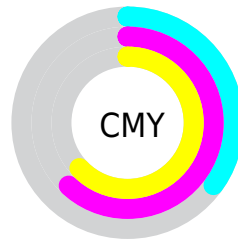


Cyan (0%)

Magenta (41%)

Yellow (43%)

Black (35%)



Cyan (35%)

Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9900, -11.3341, 42.1048 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 116.9900, -11.3341, 42.1048 by changing the saturation by 10% instead.

■ 116.9900,
-11.3341, 42.1048

■ 116.9900,
-11.3341, 42.1048

255.0000, 0.0000,
0.0000

■ 91.2070, -10.4551,
40.1605

■ 170.2570,
-12.9447, 45.3786

■ 67.1250, -9.4286,
37.6014

■ 198.1540,
-13.3869, 47.2229

■ 43.4560, -8.1128,
35.5571

■ 217.9780, -9.8492,
32.4683

■ 18.8150, -9.2758,
35.2422

■ 238.1930, -6.0111,
14.7397

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 116.9900,
-11.3341, 42.1048

■ 116.9900,
-11.3341, 42.1048

■ 105.7740,
-13.6926, 51.9412

■ 128.2060, -8.9756,
32.2683

■ 94.4440, -16.4879,
61.8776

■ 139.5360, -6.1802,
22.3319

■ 83.7010, -19.5726,
71.2992

■ 150.1650, -3.5323,
13.0103

■ 72.4850, -21.9311,
81.1357

■ 161.4950, -0.7370,
3.0739

■ 61.2690, -24.2896,
90.9721

■ 172.7110, 1.6215,
-6.7625

■ 53.4440, -26.3479,
97.8346

■ 184.0410, 4.4168,
-16.6990

■ 195.3710, 7.2121,
-26.6354

■ 206.0000, 9.8600,

-35.9570

■ 217.3300, 12.6553,
-45.8934

Harmonies

Analogous

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



118.4700, 0.7543, 38.1758



116.9900, -11.3341, 42.1048



115.8290, -20.6217, 34.3530

Triad

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



116.9900, -11.3341, 42.1048



107.0880, -10.3964, -25.5102



110.1200, 28.0418, -34.3082

Complementary

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



116.9900, -11.3341, 42.1048



142.0100, 11.3341, -42.1048

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.



94.6650, 31.2242, -75.1282



116.9900, -11.3341, 42.1048



100.7500, 5.5462, -52.4008

Square

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



116.9900, -11.3341, 42.1048



111.4840, -20.9446, -2.1785



91.4550, 22.9467, -80.2060



117.1240, 22.1239, -2.7397

Rectangle

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



116.9900, -11.3341, 42.1048



114.5520, -23.9361, 24.0719



91.4550, 22.9467, -80.2060



106.5700, 28.8060, -46.1039

Sweetspot

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



116.9900, -11.3341, 42.1048



195.5460, -4.7062, 16.1842



123.0950, 19.6732, 36.7507



95.6700, -2.7953, 9.9364



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



116.9900, -11.3341, 42.1048



139.1240, -17.8091, 65.6663



137.5350, -21.4628, 24.0868



76.2780, -1.6161, 5.0182



46.8770, -23.1104, 86.0539



5.9690, -2.9427, 10.5512

Inverse Universe

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



142.0100, 11.3341, -42.1048



177.8760, 17.8091, -65.6663



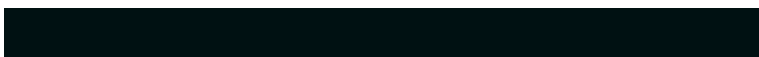
121.4650, 21.4628, -24.0868



78.7220, 1.6161, -5.0182



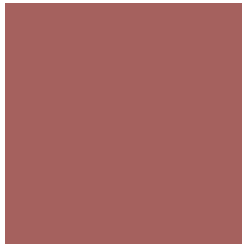
98.1230, 23.1104, -86.0539



12.0310, 2.9427, -10.5512

Previews

White Background



This preview shows how the YUV color 116.9900, -11.3341, 42.1048 looks on a white background.

Color Contrast Check

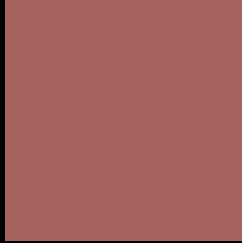
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.9900, -11.3341, 42.1048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

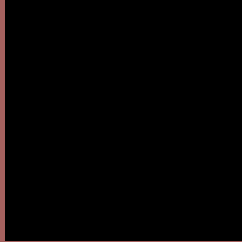
Any Text WCAG AA × Fail

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 116.9900, -11.3341, 42.1048 Background



This preview shows how black text looks on a background with the YUV color 116.9900, -11.3341, 42.1048.

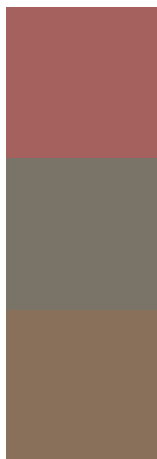


This preview shows how white text looks on a background with the YUV color 116.9900, -11.3341,

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

116.9900, -11.3341, 42.1048

Protanopia

116.0130, -6.4154, 4.3736

Deuteranopia

116.7820, -12.7105, 16.8542



Tritanopia

117.7280, -7.2609, 42.3345

Trichromacy



Original Color

116.9900, -11.3341, 42.1048

Protanomaly

116.3460, -8.0586, 18.1136

Deuteranomaly

117.2500, -12.4482, 26.0907

Tritanomaly

117.3860, -8.5713, 42.6345

Monochromacy



Original Color

116.9900, -11.3341, 42.1048

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0620, -3.9746, 14.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9900, -11.3341, 42.1048 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(165, 97, 94)` looks like.

```
.text, #text, p{  
    color:rgb(165, 97, 94)  
}
```

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(165, 97, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 97, 94) }
```

Border

The CSS property to change the border of an element to YUV 116.9900, -11.3341, 42.1048 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(165, 97, 94) }
```


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

```
.border{ border-color:rgb(165, 97, 94) }
```

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

Here you see how a box with a 4 pixel rgb(165, 97, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 97, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 97, 94);  
box-shadow:4px 4px 4px 4px rgb(165, 97,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 116.9900, -11.3341, 42.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 97, 94) }
```

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

```
.background{ background-color: rgb(165, 97,  
94) }
```

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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