

Converting Colors

YUV(103.2900, -36.6250,
33.9487)

Have a look what the booklet for
YUV(103.2900, -36.6250, 33.9487)
contains.

YUV(103.2900, -36.6250, 33.9487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.2900, -36.6250,
33.9487)**

Conversions

Conversions Part 1

Format	Color
Hex	8E621D
RGB	142, 98, 29
RGB Percent	56%, 38%, 11%
CMY	0.4431, 0.6157, 0.8863
CMYK	0.00, 0.31, 0.80, 0.44
HSL	37°, 66%, 34%
HSV	37°, 80%, 56%
XYZ	15.7448, 14.5749, 3.1458
YIQ	103.2900, 48.3730, -12.1310

Conversions

Conversions Part 2

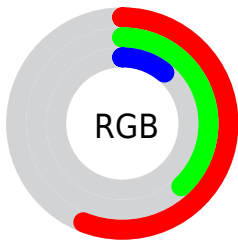
Format	Color
RYB	101, 142, 29
Decimal	9331229
CIELab	45.05, 11.47, 43.88
CIELCh	45, 45.357, 75.351
Yxy	14.5749, 0.4705, 0.4355
Android (android.graphics.Color)	4287521309 (0xFF8E621D)
YUV	103.2900, -36.6250, 33.9487
Hunter-Lab	38.1770, 6.8063, 21.8384

Details

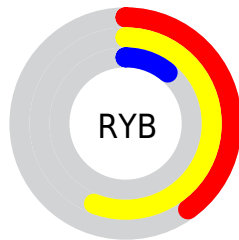
The YUV color **103.2900, -36.6250, 33.9487** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **67.7100, 36.6250, -33.9487**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8560, -38.3830, 37.8373**, and **56.8360, -28.0201, 27.3308** is the 20% darker color. If you saturate the color by 10%, you get **98.1720, -41.0038, 38.4372**, and if you desaturate by 10%, it is **108.4080, -32.2461, 29.4602**.

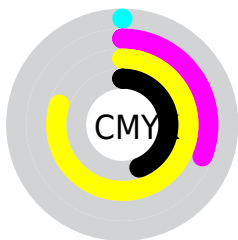
Distribution



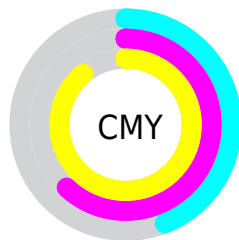
- Red (56%)
- Green (38%)
- Blue (11%)



- Red (40%)
- Yellow (56%)
- Blue (11%)



- Cyan (0%)
- Magenta (31%)
- Yellow (80%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2900, -36.6250, 33.9487 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 103.2900, -36.6250, 33.9487 by changing the saturation by 10% instead.

103.2900,
-36.6250, 33.9487

103.2900,
-36.6250, 33.9487

255.0000, 0.0000,
0.0000

77.6380, -37.7825,
31.8895

155.8560,
-38.3830, 37.8373

56.8360, -28.0201,
27.3308

183.0520,
-38.9726, 40.2964

36.4360, -17.9629,
21.5426

210.2260,
-39.5514, 39.2668

16.0470, -7.9112,
17.4988

229.6260,
-36.2976, 22.2530

0.0000, 0.0000,
0.0000

246.9060,
-31.0127, 7.0984

250.0980,

-18.7823, 4.2991

253.2900, -6.5520,
1.4997

103.2900,
-36.6250, 33.9487

103.2900,
-36.6250, 33.9487

98.1720, -41.0038,
38.4372

108.4080,
-32.2461, 29.4602

93.6410, -45.6720,
42.4108

112.9390,
-27.5779, 25.4865

93.5270, -46.1088,
42.5108

118.1710,
-22.7623, 20.8980

122.7020,
-18.0941, 16.9243

127.8200,
-13.7153, 12.4359

■ 132.3510, -9.0470,
8.4622

■ 137.4690, -4.6682,
3.9737

■ 142.1140, 0.4368,
-0.1000

■ 147.2320, 4.8156,
-4.5885

Harmonies

Analogous

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



104.5110, -24.9019, 53.9259



103.2900, -36.6250, 33.9487



100.4130, -36.6856, 6.6538

Triad

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



103.2900, -36.6250, 33.9487



87.6250, 18.4259, -76.8471



109.6630, 24.8161, 20.4665

Complementary

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



103.2900, -36.6250, 33.9487



67.7100, 36.6250, -33.9487

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.



103.0960, 37.9137, -27.2712



103.2900, -36.6250, 33.9487



90.4410, 34.2926, -79.3168

Square

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



103.2900, -36.6250, 33.9487



82.5920, 1.6801, -72.4332



88.6120, 45.0543, -77.7127



107.5500, 9.5889, 51.2607

Rectangle

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



103.2900, -36.6250, 33.9487



97.4580, -28.3268, -14.4337



88.6120, 45.0543, -77.7127



109.4270, 29.3695, 6.6415

Sweetspot

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



103.2900, -36.6250, 33.9487



168.4180, -14.0101, 13.6654



67.9170, 2.9989, 64.9708



82.4650, -8.6102, 8.3622



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.



103.2900, -36.6250, 33.9487



124.1340, -56.7611, 52.5025



125.8290, -47.7367, 4.5350



69.0280, -2.4788, 1.7294



89.0860, -43.9194, 40.2666



5.3270, -2.6262, 2.3442

Inverse Universe

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



67.7100, 36.6250, -33.9487



68.8660, 56.7611, -52.5025



45.1710, 47.7367, -4.5350



66.5590, 2.1894, -2.2442



46.5010, 43.6300, -40.7814



2.6730, 2.6262, -2.3442

Previews

White Background



This preview shows how the YUV color 103.2900, -36.6250, 33.9487 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 103.2900, -36.6250, 33.9487 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 103.2900, -36.6250, 33.9487

Background



This preview shows how black text looks on a background with the YUV color 103.2900, -36.6250, 33.9487.



This preview shows how white text looks on a background with the YUV color 103.2900, -36.6250, 33.9487.

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

103.2900, -36.6250, 33.9487

Protanopia

102.2230, -35.1129, 15.5904

Deuteranopia

103.0180, -37.4769, 27.1712



Tritanopia

108.8300, -5.3392, 32.5981

Trichromacy



Original Color

103.2900, -36.6250, 33.9487

Protanomaly

102.7400, -35.8608, 22.1530

Deuteranomaly

103.4420, -37.1929, 29.4304

Tritanomaly

106.8550, -16.6905, 33.4532

Monochromacy



Original Color

103.2900, -36.6250, 33.9487

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9340, -13.2785, 12.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2900, -36.6250, 33.9487 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(142, 98, 29)` looks like.

```
.text, #text, p{  
    color:rgb(142, 98, 29)  
}
```

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(142, 98, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 98, 29) }
```

Border

The CSS property to change the border of an element to YUV 103.2900, -36.6250, 33.9487 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(142, 98, 29) }
```


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

```
.border{ border-color:rgb(142, 98, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 98, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 98, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 98, 29);  
box-shadow:4px 4px 4px 4px rgb(142, 98,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 103.2900, -36.6250, 33.9487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 98, 29) }
```

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

```
.background{ background-color: rgb(142, 98,  
29) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor