

Converting Colors

YUV(120.2900, -16.4120,
37.4567)

Have a look what the booklet for
YUV(120.2900, -16.4120, 37.4567)
contains.

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Color

**YUV(120.2900, -16.4120,
37.4567)**

Conversions

Conversions Part 1

Format	Color
Hex	A36957
RGB	163, 105, 87
RGB Percent	64%, 41%, 34%
CMY	0.3608, 0.5882, 0.6588
CMYK	0.00, 0.36, 0.47, 0.36
HSL	14°, 30%, 49%
HSV	14°, 47%, 64%
XYZ	21.8761, 18.5778, 11.4497
YIQ	120.2900, 40.3460, 6.6980

Conversions

Conversions Part 2

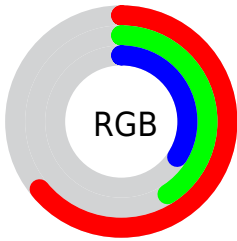
Format	Color
R_{YB}	163, 111, 87
Decimal	10709335
CIE Lab	50.19, 21.12, 19.72
CIE LCh	50, 28.893, 43.038
Yxy	18.5778, 0.4215, 0.3579
Android (android.graphics.Color)	4288899415 (0xFFA36957)
YUV	120.2900, -16.4120, 37.4567
Hunter-Lab	43.1020, 15.1681, 14.4215

Details

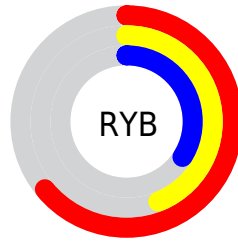
The YUV color **120.2900, -16.4120, 37.4567** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **129.7100, 16.4120, -37.4567**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5570, -18.0226, 40.7305**, and **70.7240, -14.6539, 33.5681** is the 20% darker color. If you saturate the color by 10%, you get **111.4220, -19.9280, 45.2339**, and if you desaturate by 10%, it is **129.1580, -12.8959, 29.6794**.

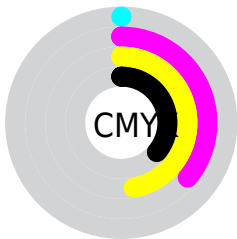
Distribution



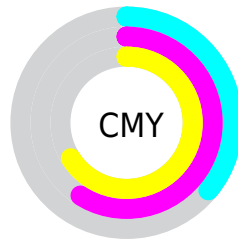
- Red (64%)
- Green (41%)
- Blue (34%)



- Red (64%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2900, -16.4120, 37.4567 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 120.2900, -16.4120, 37.4567 by changing the saturation by 10% instead.

■ 120.2900,
-16.4120, 37.4567

■ 120.2900,
-16.4120, 37.4567

■ 255.0000, 0.0000,
0.0000

■ 95.2080, -15.3855,
34.8976

■ 173.5570,
-18.0226, 40.7305

■ 70.7240, -14.6539,
33.5681

■ 201.0410,
-18.7542, 42.0600

■ 47.4570, -13.0433,
30.2942

■ 221.7620,
-15.6587, 29.1497

■ 24.6740, -12.1643,
28.3499

■ 241.9770,
-11.8207, 11.4212

■ 10.5790, -4.7224,
21.4172

■ 254.0880, -3.4944,
0.7998

■ 0.0000, 0.0000,
0.0000

■ 120.2900,
-16.4120, 37.4567

■ 120.2900,
-16.4120, 37.4567

■ 111.4220,
-19.9280, 45.2339

■ 129.1580,
-12.8959, 29.6794

■ 101.8530,
-23.5915, 53.6259

■ 138.7270, -9.2324,
21.2874

■ 92.9850, -27.1076,
61.4032

■ 147.5950, -5.7163,
13.5102

■ 83.5300, -30.3343,
69.6952

■ 157.0500, -2.4896,
5.2182

■ 74.6620, -33.8504,
77.4724

■ 166.0320, 1.4632,
-2.6591

■ 71.6300, -35.3136,
80.1315

■ 175.4870, 4.6899,
-10.9511

■ 184.3550, 8.2060,
-18.7283

■ 193.8100, 11.4327,

-27.0204

■ 202.7920, 15.3855,
-34.8976

Harmonies

Analogous

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



121.0590, -5.9451, 40.2903



120.2900, -16.4120, 37.4567



118.9050, -22.6312, 25.5163

Triad

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



120.2900, -16.4120, 37.4567



109.3730, -2.6489, -37.1611



118.5030, 23.9090, -15.3501

Complementary

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



120.2900, -16.4120, 37.4567



129.7100, 16.4120, -37.4567

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.



110.5270, 27.3482, -45.1892



120.2900, -16.4120, 37.4567



102.4590, 13.5777, -61.7925

Square

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



120.2900, -16.4120, 37.4567



113.9000, -15.2337, -13.9443



99.6070, 25.8297, -71.5693



122.3170, 16.1127, 12.0000

Rectangle

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



120.2900, -16.4120, 37.4567



117.6000, -23.4668, 13.5058



99.6070, 25.8297, -71.5693



116.4910, 25.3939, -24.9866

Sweetspot

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



120.2900, -16.4120, 37.4567



195.0790, -6.4479, 14.8397



116.3360, 14.1314, 40.9243



96.7300, -3.8109, 9.0068



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.



120.2900, -16.4120, 37.4567



145.0170, -25.6444, 58.7441



142.5960, -27.4088, 17.8943



76.8650, -1.9054, 4.5034



63.3130, -31.2133, 71.6395



7.7300, -3.8109, 9.0068

Inverse Universe

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



129.7100, 16.4120, -37.4567



159.9830, 25.6444, -58.7441



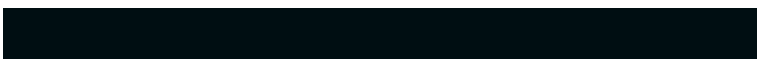
107.4040, 27.4088, -17.8943



78.1350, 1.9054, -4.5034



81.6870, 31.2133, -71.6395



10.2700, 3.8109, -9.0068

Previews

White Background



This preview shows how the YUV color 120.2900, -16.4120, 37.4567 looks on a white background.

Color Contrast Check

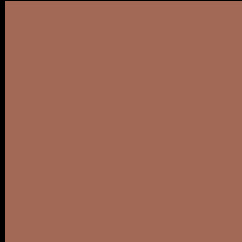
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.2900, -16.4120, 37.4567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

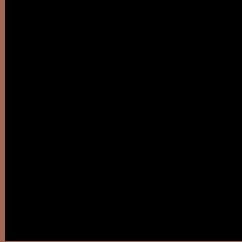
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.2900, -16.4120, 37.4567 Background



This preview shows how black text looks on a background with the YUV color 120.2900, -16.4120, 37.4567.



This preview shows how white text looks on a background with the YUV color 120.2900, -16.4120,

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

120.2900, -16.4120, 37.4567

Protanopia

119.4280, -12.5360, 7.5176

Deuteranopia

119.6530, -17.0839, 19.5983



Tritanopia

121.6350, -6.2291, 38.0311

Trichromacy



Original Color

120.2900, -16.4120, 37.4567

Protanomaly

120.0380, -14.3157, 18.3837

Deuteranomaly

119.8110, -16.6688, 26.4758

Tritanomaly

121.0110, -9.8654, 37.7014

Monochromacy



Original Color

120.2900, -16.4120, 37.4567

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.4810, -6.1531, 13.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2900, -16.4120, 37.4567 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(163, 105, 87)` looks like.

```
.text, #text, p{  
    color:rgb(163, 105, 87)  
}
```

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(163, 105, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 105, 87) }
```

Border

The CSS property to change the border of an element to YUV 120.2900, -16.4120, 37.4567 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(163, 105, 87) }
```


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

```
.border{ border-color:rgb(163, 105, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 105, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 105, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 105, 87); box-shadow:4px 4px 4px 4px rgb(163, 105, 87) }
```

Background

The CSS property to change the background color of an element to YUV 120.2900, -16.4120, 37.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 105, 87) }
```

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

```
.background{ background-color: rgb(163,  
105, 87) }
```

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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