

Converting Colors

YUV(117.2820, -7.5340,
36.5867)

Have a look what the booklet for
YUV(117.2820, -7.5340, 36.5867)
contains.

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Color

**YUV(117.2820, -7.5340,
36.5867)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6366
RGB	159, 99, 102
RGB Percent	62%, 39%, 40%
CMY	0.3765, 0.6118, 0.6000
CMYK	0.00, 0.38, 0.36, 0.38
HSL	357°, 24%, 51%
HSV	357°, 38%, 62%
XYZ	21.1582, 17.2539, 14.7856
YIQ	117.2820, 34.7970, 13.6530

Conversions

Conversions Part 2

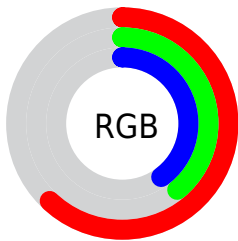
Format	Color
R_{YB}	159, 99, 102
Decimal	10445670
CIE _{Lab}	48.58, 24.67, 8.54
CIE _{LCh}	49, 26.110, 19.098
Yxy	17.2539, 0.3977, 0.3243
Android (android.graphics.Color)	4288635750 (0xFF9F6366)
YUV	117.2820, -7.5340, 36.5867
Hunter-Lab	41.5378, 18.2316, 7.9720

Details

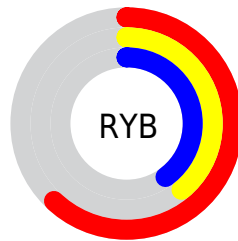
The YUV color **117.2820, -7.5340, 36.5867** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **140.7180, 7.5340, -36.5867**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3640, -8.5605, 39.1458**, and **67.6020, -6.2128, 32.7980** is the 20% darker color. If you saturate the color by 10%, you get **106.1800, -9.4557, 46.3231**, and if you desaturate by 10%, it is **128.3840, -5.6123, 26.8502**.

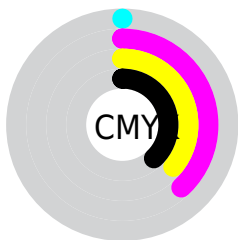
Distribution



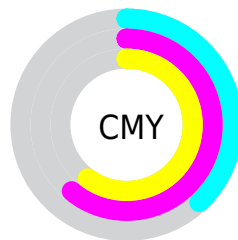
- Red (62%)
- Green (39%)
- Blue (40%)



- Red (62%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (36%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2820, -7.5340, 36.5867 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 117.2820, -7.5340, 36.5867 by changing the saturation by 10% instead.

■ 117.2820, -7.5340,
36.5867

■ 117.2820, -7.5340,
36.5867

■ 255.0000, 0.0000,
0.0000

■ 92.3850, -7.0918,
34.7424

■ 170.3640, -8.5605,
39.1458

■ 67.6020, -6.2128,
32.7980

■ 197.3750, -8.5659,
40.8901

■ 44.2320, -5.0444,
31.3685

■ 220.1780, -6.4968,
30.5389

■ 20.7480, -4.3128,
30.0390

■ 239.8060, -2.3694,
13.3251

■ 9.6820, -4.2802,
19.5729

■ 0.0000, 0.0000,
0.0000

■ 117.2820, -7.5340,
36.5867

■ 117.2820, -7.5340,
36.5867

■ 106.1800, -9.4557,
46.3231

■ 128.3840, -5.6123,
26.8502

■ 95.0780, -11.3775,
56.0596

■ 139.4860, -3.6906,
17.1138

■ 83.9760, -13.2992,
65.7960

■ 150.5880, -1.7689,
7.3773

■ 72.8740, -15.2209,
75.5325

■ 161.6900, 0.1528,
-2.3591

■ 62.2450, -17.8688,
84.8541

■ 172.9060, 2.5113,
-12.1956

■ 51.1430, -19.7905,
94.5906

■ 183.4210, 4.7224,
-21.4172

■ 48.4530, -19.9433,
96.9497

■ 194.5230, 6.6442,
-31.1537

■ 205.6250, 8.5659,

-40.8901

■ 216.7270, 10.4876,
-50.6266

Harmonies

Analogous

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



117.9960, 2.9600, 30.6985



117.2820, -7.5340, 36.5867



116.2570, -16.3957, 32.2236

Triad

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



117.2820, -7.5340, 36.5867



109.8010, -11.7339, -16.4885



109.9800, 23.6739, -33.3085

Complementary

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



117.2820, -7.5340, 36.5867



140.7180, 7.5340, -36.5867

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.



102.2070, 22.5759, -54.5555



117.2820, -7.5340, 36.5867



105.7690, 0.1139, -36.6314

Square

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



117.2820, -7.5340, 36.5867



112.2720, -19.3611, 3.2695



100.9160, 13.8454, -54.3003



116.2220, 20.1036, -8.0877

Rectangle

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



117.2820, -7.5340, 36.5867



115.2900, -19.8630, 24.3017



100.9160, 13.8454, -54.3003



107.3380, 23.9904, -41.5154

Sweetspot

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



117.2820, -7.5340, 36.5867



190.9910, -2.9536, 14.0399



122.8830, 17.8057, 29.0436



95.3000, -1.6269, 8.5069



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



117.2820, -7.5340, 36.5867



142.2630, -11.9617, 56.7743



132.7890, -16.6580, 22.9870



73.5060, -0.7425, 4.8182



43.5550, -18.0216, 87.2133



4.5990, -1.7743, 9.1217

Inverse Universe

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



117.2820, -7.5340, 36.5867



142.2630, -11.9617, 56.7743



125.2110, 16.6580, -22.9870



73.5060, -0.7425, 4.8182



43.5550, -18.0216, 87.2133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 117.2820, -7.5340, 36.5867 looks on a white background.

Color Contrast Check

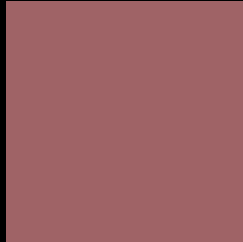
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2820, -7.5340, 36.5867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

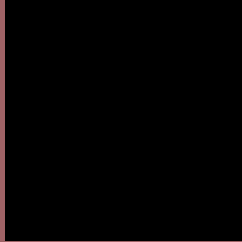
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.2820, -7.5340, 36.5867

Background



This preview shows how black text looks on a background with the YUV color 117.2820, -7.5340, 36.5867.

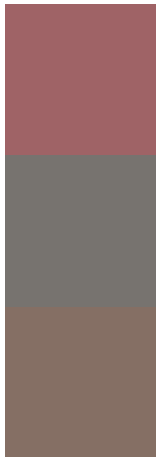


This preview shows how white text looks on a background with the YUV color 117.2820, -7.5340,

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

117.2820, -7.5340, 36.5867

Protanopia

115.7400, -2.3368, 2.8590

Deuteranopia

116.3240, -8.0477, 14.6249



Tritanopia

117.1510, -5.4974, 36.7016

Trichromacy



Original Color

117.2820, -7.5340, 36.5867

Protanomaly

116.3610, -4.1220, 15.4694

Deuteranomaly

116.7810, -7.7800, 22.1171

Tritanomaly

117.0370, -5.9342, 36.8016

Monochromacy



Original Color

117.2820, -7.5340, 36.5867

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8060, -2.3694, 13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2820, -7.5340, 36.5867 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(159, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(159, 99, 102)  
}
```

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(159, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 102) }
```

Border

The CSS property to change the border of an element to YUV 117.2820, -7.5340, 36.5867 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(159, 99, 102) }
```


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

```
.border{ border-color:rgb(159, 99, 102) }
```

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

Here you see how a box with a 4 pixel rgb(159, 99, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(159, 99,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 117.2820, -7.5340, 36.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 102) }
```

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

```
.background{ background-color: rgb(159, 99,  
102) }
```

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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