

Converting Colors

YUV(116.9240, -11.3015,
31.6387)

Have a look what the booklet for
YUV(116.9240, -11.3015, 31.6387)
contains.

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Color

**YUV(116.9240, -11.3015,
31.6387)**

Conversions

Conversions Part 1

Format	Color
Hex	99675E
RGB	153, 103, 94
RGB Percent	60%, 40%, 37%
CMY	0.4000, 0.5961, 0.6314
CMYK	0.00, 0.33, 0.39, 0.40
HSL	9°, 24%, 48%
HSV	9°, 39%, 60%
XYZ	20.0075, 17.2810, 12.8707
YIQ	116.9240, 32.6890, 7.8010

Conversions

Conversions Part 2

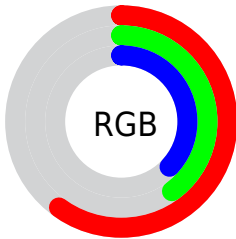
Format	Color
RYB	153, 105, 94
Decimal	10053470
CIELab	48.61, 18.93, 13.25
CIELCh	49, 23.105, 34.978
Yxy	17.2810, 0.3989, 0.3445
Android (android.graphics.Color)	4288243550 (0xFF99675E)
YUV	116.9240, -11.3015, 31.6387
Hunter-Lab	41.5704, 13.1625, 10.7423

Details

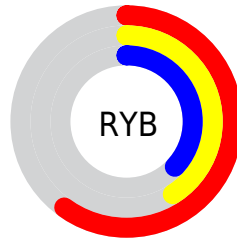
The YUV color **116.9240, -11.3015, 31.6387** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.0760, 11.3015, -31.6387**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3050, -12.4754, 34.8125**, and **67.6570, -9.6909, 28.3648** is the 20% darker color. If you saturate the color by 10%, you get **107.5830, -14.0914, 39.8307**, and if you desaturate by 10%, it is **126.2650, -8.5116, 23.4466**.

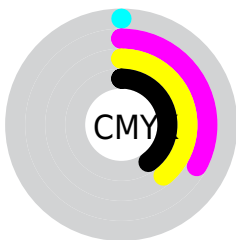
Distribution



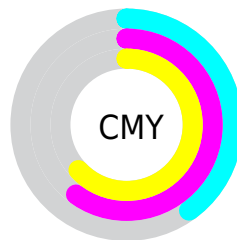
- Red (60%)
- Green (40%)
- Blue (37%)



- Red (60%)
- Yellow (41%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (39%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9240, -11.3015, 31.6387 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 116.9240, -11.3015, 31.6387 by changing the saturation by 10% instead.

■ 116.9240,
-11.3015, 31.6387

■ 116.9240,
-11.3015, 31.6387

■ 255.0000, 0.0000,
0.0000

■ 92.0270, -10.8593,
29.7943

■ 169.3050,
-12.4754, 34.8125

■ 67.6570, -9.6909,
28.3648

■ 196.9030,
-12.7702, 36.0421

■ 44.8740, -8.8119,
26.4205

■ 221.5000,
-11.5855, 29.3795

■ 22.2930, -10.9904,
25.1760

■ 241.1280, -7.4581,
12.1657

■ 7.8880, -3.3958,
15.8842

■ 0.0000, 0.0000,
0.0000

■ 116.9240,
-11.3015, 31.6387

■ 116.9240,
-11.3015, 31.6387

■ 107.5830,
-14.0914, 39.8307

■ 126.2650, -8.5116,
23.4466

■ 98.1280, -17.3181,
48.1227

■ 135.7200, -5.2850,
15.1546

■ 88.7870, -20.1080,
56.3148

■ 145.0610, -2.4951,
6.9625

■ 79.4460, -22.8979,
64.5069

■ 154.4020, 0.2948,
-1.2296

■ 70.1050, -25.6878,
72.6989

■ 163.8570, 3.5215,
-9.5216

■ 60.6500, -28.9144,
80.9909

■ 173.1980, 6.3114,
-17.7136

■ 59.2480, -29.2093,
82.2205

■ 182.5390, 9.1013,
-25.9057

■ 191.8800, 11.8912,

-34.0978

■ 201.3350, 15.1178,
-42.3898

Harmonies

Analogous

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



118.2150, -2.5710, 31.3834



116.9240, -11.3015, 31.6387



115.9740, -17.2422, 23.7018

Triad

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



116.9240, -11.3015, 31.6387



109.0650, -5.4550, -23.7360



114.0530, 19.6939, -16.7095

Complementary

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



116.9240, -11.3015, 31.6387



130.0760, 11.3015, -31.6387

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.



108.4480, 20.4851, -37.2269



116.9240, -11.3015, 31.6387



105.6530, 6.0871, -39.1607

Square

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



116.9240, -11.3015, 31.6387



111.8840, -14.2398, -6.0373



104.5410, 16.0023, -46.0785



117.2190, 14.6820, 4.1929

Rectangle

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



116.9240, -11.3015, 31.6387



114.5770, -18.5255, 15.2800



104.5410, 16.0023, -46.0785



112.2370, 20.5892, -23.8868

Sweetspot

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



116.9240, -11.3015, 31.6387



184.5240, -4.6953, 12.6955



117.3410, 13.1429, 31.2729



91.0610, -2.4951, 6.9625



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



116.9240, -11.3015, 31.6387



142.7260, -17.6129, 49.3523



133.9470, -19.6939, 16.7095



71.9790, -1.4686, 4.4034



54.1870, -26.7142, 75.2580



5.0610, -2.4951, 6.9625

Inverse Universe

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



130.0760, 11.3015, -31.6387



163.2740, 17.6129, -49.3523



113.0530, 19.6939, -16.7095



73.4340, 1.7580, -3.8886



85.8130, 26.7142, -75.2580



7.9390, 2.4951, -6.9625

Previews

White Background



This preview shows how the YUV color 116.9240, -11.3015, 31.6387 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 116.9240, -11.3015, 31.6387 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 116.9240, -11.3015, 31.6387 Background



This preview shows how black text looks on a background with the YUV color 116.9240, -11.3015, 31.6387.

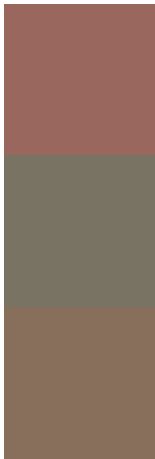


This preview shows how white text looks on a background with the YUV color 116.9240, -11.3015, 31.6387.

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

116.9240, -11.3015, 31.6387

Protanopia

115.0840, -7.4364, 5.1883

Deuteranopia

116.0100, -11.8369, 16.6542



Tritanopia

117.6450, -4.7550, 31.8833

Trichromacy



Original Color

116.9240, -11.3015, 31.6387

Protanomaly

116.0960, -8.9213, 14.8248

Deuteranomaly

116.4560, -11.5638, 22.4021

Tritanomaly

117.6620, -7.2284, 31.8684

Monochromacy



Original Color

116.9240, -11.3015, 31.6387

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0400, -3.9637, 11.3659

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9240, -11.3015, 31.6387 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(153, 103, 94)` looks like.

```
.text, #text, p{  
    color:rgb(153, 103, 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(153, 103, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 103, 94) }
```

Border

The CSS property to change the border of an element to YUV 116.9240, -11.3015, 31.6387 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(153, 103, 94) }
```


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

```
.border{ border-color:rgb(153, 103, 94) }
```

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

Here you see how a box with a 4 pixel rgb(153, 103, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 103, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 103, 94);  
box-shadow:4px 4px 4px 4px rgb(153, 103,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 116.9240, -11.3015, 31.6387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 103, 94) }
```

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

```
.background{ background-color: rgb(153,  
103, 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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