

Converting Colors

YUV(123.1900, -11.4327,
27.0204)

Have a look what the booklet for
YUV(123.1900, -11.4327, 27.0204)
contains.

YUV(123.1900, -11.4327, 27.0204)	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(123.1900, -11.4327,
27.0204)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7064
RGB	154, 112, 100
RGB Percent	60%, 44%, 39%
CMY	0.3961, 0.5608, 0.6078
CMYK	0.00, 0.27, 0.35, 0.40
HSL	13°, 21%, 50%
HSV	13°, 35%, 60%
XYZ	21.4208, 19.3785, 14.6680
YIQ	123.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

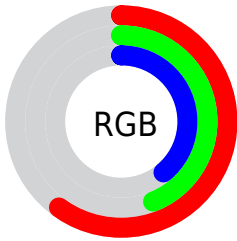
Format	Color
R_{YB}	154, 115, 100
Decimal	10121316
CIE _{Lab}	51.13, 14.94, 13.21
CIE _{LCh}	51, 19.940, 41.491
Yxy	19.3785, 0.3862, 0.3494
Android (android.graphics.Color)	4288311396 (0xFF9A7064)
YUV	123.1900, -11.4327, 27.0204
Hunter-Lab	44.0210, 9.8224, 11.0590

Details

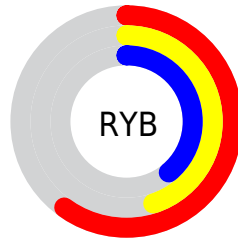
The YUV color $123.1900, -11.4327, 27.0204$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $130.8100, 11.4327, -27.0204$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.2720, -12.4591, 29.5795$, and $73.8090, -10.2588, 23.8465$ is the 20% darker color. If you saturate the color by 10%, you get $114.4360, -14.5119, 34.6976$, and if you desaturate by 10%, it is $131.9440, -8.3534, 19.3431$.

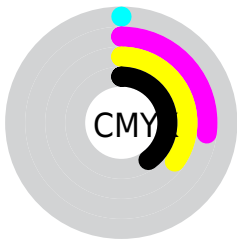
Distribution



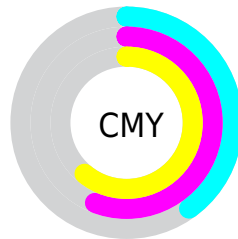
- Red (60%)
- Green (44%)
- Blue (39%)



- Red (60%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1900, -11.4327, 27.0204 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 123.1900, -11.4327, 27.0204 by changing the saturation by 10% instead.

■ 123.1900,
-11.4327, 27.0204

■ 123.1900,
-11.4327, 27.0204

■ 255.0000, 0.0000,
0.0000

■ 97.7060, -10.7011,
25.6908

■ 176.2720,
-12.4591, 29.5795

■ 73.8090, -10.2588,
23.8465

■ 203.5710,
-12.6065, 30.1942

■ 51.0260, -9.3798,
21.9022

■ 228.1680,
-11.4218, 23.5317

■ 28.9010, -9.8112,
20.2578

■ 247.7960, -7.2944,
6.3179

■ 9.2690, -4.5696,
19.0581

■ 0.0000, 0.0000,
0.0000

■ 123.1900,
-11.4327, 27.0204

■ 123.1900,
-11.4327, 27.0204

■ 114.4360,
-14.5119, 34.6976

■ 131.9440, -8.3534,
19.3431

■ 105.5680,
-18.0280, 42.4749

■ 140.8120, -4.8373,
11.5659

■ 96.8140, -21.1073,
50.1521

■ 149.5660, -1.7580,
3.8886

■ 87.9460, -24.6234,
57.9294

■ 158.4340, 1.7580,
-3.8886

■ 79.1920, -27.7027,
65.6066

■ 167.1880, 4.8373,
-11.5659

■ 70.4380, -30.7819,
73.2839

■ 175.9420, 7.9166,
-19.2431

■ 66.0040, -32.5400,
77.1725

■ 184.8100, 11.4327,
-27.0204

■ 193.5640, 14.5119,

-34.6976

■ 202.4320, 18.0280,
-42.4749

Harmonies

Analogous

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



123.8510, -3.8705, 28.1947



123.1900, -11.4327, 27.0204



121.9950, -15.7735, 19.2984

Triad

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



123.1900, -11.4327, 27.0204



116.0480, -2.9817, -23.7211



121.5870, 16.4726, -10.1618

Complementary

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



123.1900, -11.4327, 27.0204



130.8100, 11.4327, -27.0204

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.



117.5310, 17.9792, -26.7757



123.1900, -11.4327, 27.0204



113.9140, 6.9444, -34.1276

Square

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



123.1900, -11.4327, 27.0204



118.3720, -11.0294, -9.0962



114.5530, 14.5174, -36.4420



124.0300, 11.3242, 7.8667

Rectangle

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



123.1900, -11.4327, 27.0204



120.8260, -16.1832, 10.6766



114.5530, 14.5174, -36.4420



120.3690, 17.0731, -16.1096

Sweetspot

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



123.1900, -11.4327, 27.0204



188.5130, -4.6899, 10.9511



120.9340, 10.3855, 28.9989



94.6480, -2.7845, 6.4477



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



123.1900, -11.4327, 27.0204



153.2690, -17.8806, 41.8601



139.0390, -19.2462, 13.1208



72.5660, -1.7580, 3.8886



60.0570, -29.6081, 70.1100



5.6480, -2.7845, 6.4477

Inverse Universe

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



130.8100, 11.4327, -27.0204



165.3180, 17.5912, -42.3749



114.9610, 19.2462, -13.1208



73.4340, 1.7580, -3.8886



79.9430, 29.6081, -70.1100



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 123.1900, -11.4327, 27.0204 looks on a white background.

Color Contrast Check

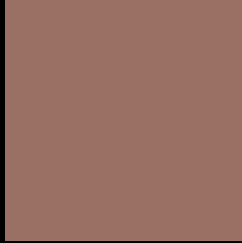
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.1900, -11.4327, 27.0204 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 123.1900, -11.4327, 27.0204

Background



This preview shows how black text looks on a background with the YUV color 123.1900, -11.4327, 27.0204.



This preview shows how white text looks on a background with the YUV color 123.1900, -11.4327, 27.0204.

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

123.1900, -11.4327, 27.0204

Protanopia

121.8560, -8.3100, 5.3883

Deuteranopia

122.4230, -11.5475, 17.1690



Tritanopia

124.0790, -2.9969, 27.9947

Trichromacy



Original Color

123.1900, -11.4327, 27.0204

Protanomaly

121.9710, -9.3527, 13.1804

Deuteranomaly

122.4450, -11.5584, 20.6577

Tritanomaly

123.5690, -6.1965, 27.5650

Monochromacy



Original Color

123.1900, -11.4327, 27.0204

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0290, -3.9583, 9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1900, -11.4327, 27.0204 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(154, 112, 100)` looks like.

```
.text, #text, p{  
    color:rgb(154, 112, 100)  
}
```

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(154, 112, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 112, 100) }
```

Border

The CSS property to change the border of an element to YUV 123.1900, -11.4327, 27.0204 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(154, 112, 100) }
```


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

```
.border{ border-color:rgb(154, 112, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 112, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 112, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 112, 100);  
box-shadow:4px 4px 4px 4px rgb(154, 112,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 123.1900, -11.4327, 27.0204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 112, 100) }
```

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

```
.background{ background-color: rgb(154,  
112, 100) }
```

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