

Converting Colors

YUV(114.6250, -31.3671,
27.5159)

Have a look what the booklet for
YUV(114.6250, -31.3671, 27.5159)
contains.

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Color

**YUV(114.6250, -31.3671,
27.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	926F33
RGB	146, 111, 51
RGB Percent	57%, 44%, 20%
CMY	0.4275, 0.5647, 0.8000
CMYK	0.00, 0.24, 0.65, 0.43
HSL	38°, 48%, 39%
HSV	38°, 65%, 57%
XYZ	18.1360, 17.7189, 5.5962
YIQ	114.6250, 40.1200, -11.2400

Conversions

Conversions Part 2

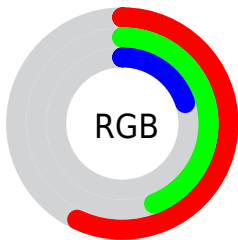
Format	Color
RYB	106, 146, 51
Decimal	9596723
CIELab	49.15, 7.02, 37.97
CIELCh	49, 38.617, 79.526
Yxy	17.7189, 0.4375, 0.4275
Android (android.graphics.Color)	4287786803 (0xFF926F33)
YUV	114.6250, -31.3671, 27.5159
Hunter-Lab	42.0938, 3.2422, 21.5833

Details

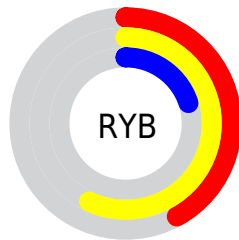
The YUV color **114.6250, -31.3671, 27.5159** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **82.3750, 31.3671, -27.5159**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1910, -33.1252, 31.4045**, and **65.3040, -31.2089, 23.4124** is the 20% darker color. If you saturate the color by 10%, you get **109.9800, -36.4721, 31.5895**, and if you desaturate by 10%, it is **119.2700, -26.2621, 23.4422**.

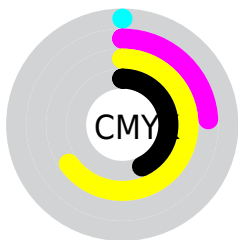
Distribution



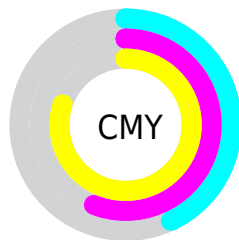
- Red (57%)
- Green (44%)
- Blue (20%)



- Red (42%)
- Yellow (57%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (65%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6250, -31.3671, 27.5159 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 114.6250, -31.3671, 27.5159 by changing the saturation by 10% instead.

■ 114.6250,
-31.3671, 27.5159

■ 114.6250,
-31.3671, 27.5159

255.0000, 0.0000,
0.0000

■ 89.7280, -30.9249,
25.6715

■ 167.1910,
-33.1252, 31.4045

■ 65.3040, -31.2089,
23.4124

■ 194.5610,
-34.2936, 32.8340

■ 44.6870, -22.0307,
19.5685

■ 220.9520,
-33.9933, 29.8601

■ 25.1730, -12.4103,
13.8803

■ 241.0530,
-30.5921, 12.2315

■ 2.6910, -1.3267,
5.5330

■ 249.5280,
-20.9663, 4.7989

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 114.6250,
-31.3671, 27.5159

■ 114.6250,
-31.3671, 27.5159

■ 109.9800,
-36.4721, 31.5895

■ 119.2700,
-26.2621, 23.4422

■ 104.8620,
-40.8510, 36.0780

■ 124.3880,
-21.8833, 18.9537

■ 100.2170,
-45.9560, 40.1517

■ 129.0330,
-16.7783, 14.8801

■ 97.6580, -48.1454,
42.3959

■ 134.1510,
-12.3994, 10.3916

■ 138.7960, -7.2944,
6.3179

■ 143.4410, -2.1894,
2.2442

■ 148.5590, 2.1894,
-2.2442

■ 153.2040, 7.2944,
-6.3179

■ 157.7350, 11.9626,
-10.2916

Harmonies

Analogous

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



116.3960, -23.8592, 46.1337



114.6250, -31.3671, 27.5159



112.0410, -29.1072, 2.5950

Triad

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



114.6250, -31.3671, 27.5159



93.8030, 21.7891, -82.2652



120.5940, 19.4272, 22.2811

Complementary

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



114.6250, -31.3671, 27.5159



82.3750, 31.3671, -27.5159

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.



116.8220, 30.1608, -13.8759



114.6250, -31.3671, 27.5159



95.8210, 34.5982, -84.0350

Square

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



114.6250, -31.3671, 27.5159



91.1230, 6.3484, -76.4069



96.4120, 41.7019, -75.7833



119.0780, 5.3845, 46.4126

Rectangle

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



114.6250, -31.3671, 27.5159



109.0540, -22.2116, -15.8334



96.4120, 41.7019, -75.7833



119.8530, 23.2435, 11.5299

Sweetspot

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



114.6250, -31.3671, 27.5159



176.4500, -12.5468, 11.0064



83.5090, 1.7211, 54.8046



86.7960, -7.2944, 6.3179



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



114.6250, -31.3671, 27.5159



139.9570, -48.2928, 43.0107



131.8810, -39.8743, 2.7354



71.4410, -2.1894, 2.2442



92.3310, -45.5192, 40.0517



6.5120, -3.2104, 3.0590

Inverse Universe

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



82.3750, 31.3671, -27.5159



90.4560, 48.5822, -42.4959



65.1190, 39.8743, -2.7354



68.9720, 2.4788, -1.7294



45.6690, 45.5192, -40.0517



3.4880, 3.2104, -3.0590

Previews

White Background



This preview shows how the YUV color 114.6250, -31.3671, 27.5159 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 114.6250, -31.3671, 27.5159 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 114.6250, -31.3671, 27.5159

Background



This preview shows how black text looks on a background with the YUV color 114.6250, -31.3671, 27.5159.



This preview shows how white text looks on a background with the YUV color 114.6250, -31.3671,

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

114.6250, -31.3671, 27.5159

Protanopia

113.5910, -29.8714, 14.3907

Deuteranopia

114.3260, -31.2197, 26.9011



Tritanopia

118.9650, -3.4337, 28.0947

Trichromacy



Original Color

114.6250, -31.3671, 27.5159

Protanomaly

114.0970, -30.6138, 19.2089

Deuteranomaly

114.3260, -31.2197, 26.9011

Tritanomaly

117.6200, -13.6167, 27.5203

Monochromacy



Original Color

114.6250, -31.3671, 27.5159

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6250, -31.3671, 27.5159 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(146, 111, 51)` looks like.

```
.text, #text, p{  
    color:rgb(146, 111, 51)  
}
```

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(146, 111, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 111, 51) }
```

Border

The CSS property to change the border of an element to YUV 114.6250, -31.3671, 27.5159 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(146, 111, 51) }
```


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

```
.border{ border-color:rgb(146, 111, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 111, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 111, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 111, 51);  
box-shadow:4px 4px 4px 4px rgb(146, 111,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 114.6250, -31.3671, 27.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 111, 51) }
```

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

```
.background{ background-color: rgb(146,  
111, 51) }
```

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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