

Converting Colors

YUV(97.0710, -31.0940,
33.2637)

Have a look what the booklet for
YUV(97.0710, -31.0940, 33.2637)
contains.

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Color

**YUV(97.0710, -31.0940,
33.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	875A22
RGB	135, 90, 34
RGB Percent	53%, 35%, 13%
CMY	0.4706, 0.6471, 0.8667
CMYK	0.00, 0.33, 0.75, 0.47
HSL	33°, 60%, 33%
HSV	33°, 75%, 53%
XYZ	13.9366, 12.5787, 3.2068
YIQ	97.0710, 44.7960, -7.8760

Conversions

Conversions Part 2

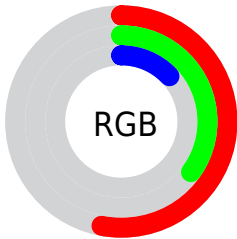
Format	Color
RYB	115, 135, 34
Decimal	8870434
CIELab	42.12, 13.14, 38.45
CIElCh	42, 40.628, 71.137
Yxy	12.5787, 0.4689, 0.4232
Android (android.graphics.Color)	4287060514 (0xFF875A22)
YUV	97.0710, -31.0940, 33.2637
Hunter-Lab	35.4665, 8.0753, 19.4657

Details

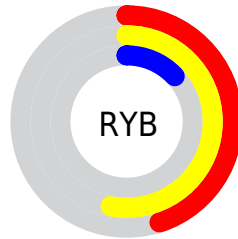
The YUV color **97.0710, -31.0940, 33.2637** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **71.9290, 31.0940, -33.2637**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9360, -32.9994, 37.7671**, and **50.0470, -24.6732, 27.1458** is the 20% darker color. If you saturate the color by 10%, you get **91.9530, -35.4728, 37.7522**, and if you desaturate by 10%, it is **102.0750, -27.1520, 28.8752**.

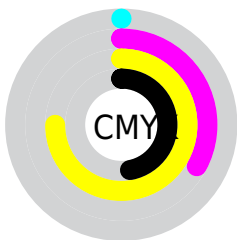
Distribution



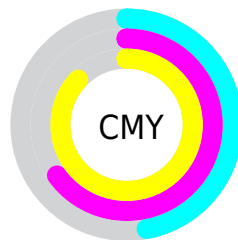
- Red (53%)
- Green (35%)
- Blue (13%)



- Red (45%)
- Yellow (53%)
- Blue (13%)



- Cyan (0%)
- Magenta (33%)
- Yellow (75%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0710, -31.0940, 33.2637 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 97.0710, -31.0940, 33.2637 by changing the saturation by 10% instead.

■ 97.0710, -31.0940,
33.2637

■ 97.0710, -31.0940,
33.2637

255.0000, 0.0000,
0.0000

■ 72.6470, -31.3780,
31.0046

■ 148.9360,
-32.9994, 37.7671

■ 50.0470, -24.6732,
27.1458

■ 175.7190,
-33.8785, 39.7114

■ 30.5330, -15.0528,
21.4576

■ 204.0890,
-35.0469, 41.1409

■ 9.2690, -4.5696,
19.0581

■ 224.0980,
-32.0933, 27.1011

■ 0.0000, 0.0000,
0.0000

■ 244.1990,
-28.6921, 9.4725

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

97.0710, -31.0940,
33.2637

97.0710, -31.0940,
33.2637

91.9530, -35.4728,
37.7522

102.0750,
-27.1520, 28.8752

86.9490, -39.4149,
42.1407

107.1930,
-22.7731, 24.3867

84.3900, -41.6043,
44.3850

112.1970,
-18.8311, 19.9982

117.3150,
-14.4523, 15.5097

122.4330,
-10.0735, 11.0213

■ 127.4370, -6.1314,
6.6328

■ 132.5550, -1.7526,
2.1443

■ 137.5590, 2.1894,
-2.2442

■ 142.5630, 6.1314,
-6.6328

Harmonies

Analogous

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



98.0420, -20.2337, 49.9522



97.0710, -31.0940, 33.2637



94.8740, -32.4759, 9.7575

Triad

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



97.0710, -31.0940, 33.2637



80.7460, 14.9152, -70.8142



102.2770, 23.5274, 13.7891

Complementary

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



97.0710, -31.0940, 33.2637



71.9290, 31.0940, -33.2637

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.



94.8630, 34.5775, -30.5749



97.0710, -31.0940, 33.2637



83.2200, 29.4715, -72.9839

Square

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



97.0710, -31.0940, 33.2637



75.6960, 0.6429, -66.3854



82.4510, 39.2177, -72.3095



101.3100, 10.2002, 41.8241

Rectangle

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



97.0710, -31.0940, 33.2637



91.9580, -26.6013, -7.8562



82.4510, 39.2177, -72.3095



101.2260, 27.4966, 0.6788

Sweetspot

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



97.0710, -31.0940, 33.2637



161.5750, -12.1155, 12.6507



69.3290, 4.7678, 57.5935



80.5080, -7.1524, 7.4475



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



97.0710, -31.0940, 33.2637



116.3110, -48.4673, 52.3473



121.9910, -43.3796, 7.0239



63.5550, -1.7526, 2.1443



81.1340, -39.9991, 42.8555



1.4840, -0.7316, 1.3295

Inverse Universe

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



71.9290, 31.0940, -33.2637



77.1020, 48.7567, -51.8325



47.0090, 43.3796, -7.0239



62.4450, 1.7526, -2.1443



48.8660, 39.9991, -42.8555



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 97.0710, -31.0940, 33.2637 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 97.0710, -31.0940, 33.2637 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 97.0710, -31.0940, 33.2637

Background



This preview shows how black text looks on a background with the YUV color 97.0710, -31.0940, 33.2637.



This preview shows how white text looks on a background with the YUV color 97.0710, -31.0940,

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

97.0710, -31.0940, 33.2637

Protanopia

96.1070, -29.1398, 13.0612

Deuteranopia

96.7880, -31.9405, 24.7419



Tritanopia

100.9440, -4.9024, 32.4981

Trichromacy



Original Color

97.0710, -31.0940, 33.2637

Protanomaly

96.3360, -29.7456, 20.7533

Deuteranomaly

96.9240, -31.5145, 28.1307

Tritanomaly

99.4250, -14.5065, 32.9533

Monochromacy



Original Color

97.0710, -31.0940, 33.2637

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8030, -11.2419, 12.4508

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0710, -31.0940, 33.2637 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(135, 90, 34)` looks like.

```
.text, #text, p{  
    color:rgb(135, 90, 34)  
}
```

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(135, 90, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 90, 34) }
```

Border

The CSS property to change the border of an element to YUV 97.0710, -31.0940, 33.2637 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(135, 90, 34) }
```


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

```
.border{ border-color:rgb(135, 90, 34) }
```

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

Here you see how a box with a 4 pixel rgb(135, 90, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 90, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 90, 34);  
box-shadow:4px 4px 4px 4px rgb(135, 90,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 97.0710, -31.0940, 33.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 90, 34) }
```

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

```
.background{ background-color: rgb(135, 90,  
34) }
```

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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