

Converting Colors

YUV(89.8100, -11.7383,
31.7386)

Have a look what the booklet for
YUV(89.8100, -11.7383, 31.7386)
contains.

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Color

**YUV(89.8100, -11.7383,
31.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4C42
RGB	126, 76, 66
RGB Percent	49%, 30%, 26%
CMY	0.5059, 0.7020, 0.7412
CMYK	0.00, 0.40, 0.48, 0.51
HSL	10°, 31%, 38%
HSV	10°, 48%, 49%
XYZ	12.1720, 9.9979, 6.4425
YIQ	89.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

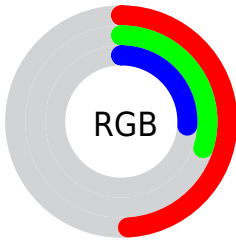
Format	Color
R_{YB}	126, 78, 66
Decimal	8277058
CIE _{Lab}	37.84, 19.96, 14.89
CIE _{LCh}	38, 24.905, 36.721
Yxy	9.9979, 0.4254, 0.3494
Android (android.graphics.Color)	4286467138 (0xFF7E4C42)
YUV	89.8100, -11.7383, 31.7386
Hunter-Lab	31.6194, 13.3803, 10.0531

Details

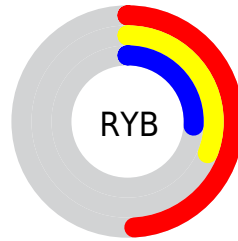
The YUV color **89.8100, -11.7383, 31.7386** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.1900, 11.7383, -31.7386**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4900, -13.0596, 35.5273**, and **42.9450, -9.8329, 27.2352** is the 20% darker color. If you saturate the color by 10%, you get **82.4580, -14.5228, 38.1863**, and if you desaturate by 10%, it is **97.7490, -9.2433, 24.7761**.

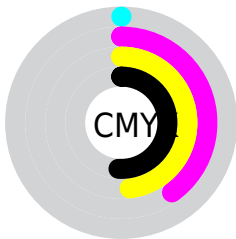
Distribution



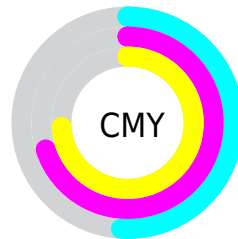
- Red (49%)
- Green (30%)
- Blue (26%)



- Red (49%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (51%)



- Cyan (51%)
- Magenta (70%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8100, -11.7383, 31.7386 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 89.8100, -11.7383, 31.7386 by changing the saturation by 10% instead.

■ 89.8100, -11.7383,
31.7386

■ 89.8100, -11.7383,
31.7386

■ 255.0000, 0.0000,
0.0000

■ 66.0270, -10.8593,
29.7943

■ 140.4900,
-13.0596, 35.5273

■ 42.9450, -9.8329,
27.2352

■ 167.5610,
-14.0806, 36.3420

■ 20.2330, -9.9749,
26.1057

■ 194.5720,
-14.0860, 38.0864

■ 6.8770, -3.3904,
14.1399

■ 219.1690,
-12.9013, 31.4238

■ 0.0000, 0.0000,
0.0000

■ 238.7970, -8.7739,
14.2100

■ 254.3160, -2.6208,

0.5999

■ 89.8100, -11.7383,
31.7386

■ 89.8100, -11.7383,
31.7386

■ 82.4580, -14.5228,
38.1863

■ 97.7490, -9.2433,
24.7761

■ 74.6330, -16.5811,
45.0489

■ 104.9870, -6.8956,
18.4284

■ 66.6940, -19.0761,
52.0114

■ 112.9260, -4.4005,
11.4659

■ 59.4560, -21.4238,
58.3591

■ 120.1640, -2.0529,
5.1182

■ 51.5170, -23.9189,
65.3216

■ 128.1030, 0.4422,
-1.8443

■ 50.0010, -24.6505,
66.6511

■ 135.4550, 3.2267,
-8.2920

■ 143.2800, 5.2850,
-15.1546

■ 150.6320, 8.0694,
-21.6023

■ 158.4570, 10.1277,
-28.4648

Harmonies

Analogous

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



90.8130, -2.8658, 32.6130



89.8100, -11.7383, 31.7386



88.4470, -17.9684, 23.2870

Triad

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



89.8100, -11.7383, 31.7386



80.9830, -4.4286, -26.2951



87.5690, 20.4255, -18.0390

Complementary

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



89.8100, -11.7383, 31.7386



102.1900, 11.7383, -31.7386

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.



78.5010, 23.4170, -44.2894



89.8100, -11.7383, 31.7386



74.9830, 8.8824, -49.0971

Square

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



89.8100, -11.7383, 31.7386



84.8730, -14.2344, -7.7816



70.8810, 20.2717, -62.1626



90.9310, 14.8240, 5.3225

Rectangle

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



89.8100, -11.7383, 31.7386



87.7510, -19.1042, 14.2504



70.8810, 20.2717, -62.1626



85.1550, 21.6156, -26.4459

Sweetspot

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



89.8100, -11.7383, 31.7386



149.2250, -4.5479, 12.0807



89.6400, 12.9955, 31.8877



73.3600, -2.6425, 7.5773



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



89.8100, -11.7383, 31.7386



107.1990, -18.3391, 48.9375



106.8330, -20.1307, 16.8095



59.6800, -1.3212, 3.7886



50.5990, -24.9453, 67.8807



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.1900, 11.7383, -31.7386



126.3880, 18.0497, -49.4523



84.5800, 20.4201, -16.2947



61.3200, 1.3212, -3.7886



76.8140, 25.2347, -67.3659



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.8100, -11.7383, 31.7386 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 ✓ Pass

Black Background



This preview shows how the YUV color 89.8100, -11.7383, 31.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

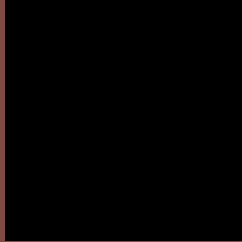
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8100, -11.7383, 31.7386

Background



This preview shows how black text looks on a background with the YUV color 89.8100, -11.7383, 31.7386.

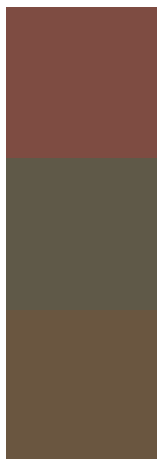


This preview shows how white text looks on a background with the YUV color 89.8100, -11.7383, 31.7386.

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

89.8100, -11.7383, 31.7386

Protanopia

88.8560, -8.3100, 5.3883

Deuteranopia

89.4720, -12.5577, 14.4951



Tritanopia

90.5310, -5.1918, 31.9833

Trichromacy



Original Color

89.8100, -11.7383, 31.7386

Protanomaly

88.9820, -9.3581, 14.9248

Deuteranomaly

89.3310, -11.9952, 20.7577

Tritanomaly

90.5480, -7.6652, 31.9684

Monochromacy



Original Color

89.8100, -11.7383, 31.7386

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9260, -4.4005, 11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8100, -11.7383, 31.7386 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(126, 76, 66)` looks like.

```
.text, #text, p{  
    color:rgb(126, 76, 66)  
}
```

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(126, 76, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 76, 66) }
```

Border

The CSS property to change the border of an element to YUV 89.8100, -11.7383, 31.7386 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(126, 76, 66) }
```


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

```
.border{ border-color:rgb(126, 76, 66) }
```

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

Here you see how a box with a 4 pixel rgb(126, 76, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 76, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 76, 66);  
box-shadow:4px 4px 4px 4px rgb(126, 76,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 89.8100, -11.7383, 31.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 76, 66) }
```

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

```
.background{ background-color: rgb(126, 76,  
66) }
```

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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