

Converting Colors

YUV(93.8100, -11.7383,
31.7386)

Have a look what the booklet for
YUV(93.8100, -11.7383, 31.7386)
contains.

YUV(93.8100, -11.7383, 31.7386)	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(93.8100, -11.7383,
31.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	825046
RGB	130, 80, 70
RGB Percent	51%, 31%, 27%
CMY	0.4902, 0.6863, 0.7255
CMYK	0.00, 0.38, 0.46, 0.49
HSL	10°, 30%, 39%
HSV	10°, 46%, 51%
XYZ	13.1801, 10.9253, 7.2085
YIQ	93.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

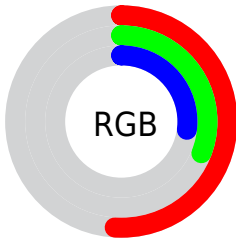
Format	Color
R_{YB}	130, 82, 70
Decimal	8540230
CIE _{Lab}	39.45, 19.77, 14.70
CIE _{LCh}	39, 24.639, 36.636
Yxy	10.9253, 0.4209, 0.3489
Android (android.graphics.Color)	4286730310 (0xFF825046)
YUV	93.8100, -11.7383, 31.7386
Hunter-Lab	33.0535, 13.3332, 10.2072

Details

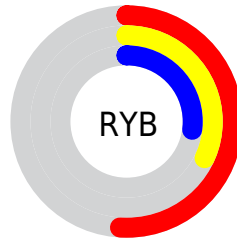
The YUV color **93.8100, -11.7383, 31.7386** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.1900, 11.7383, -31.7386**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0770, -13.3490, 35.0125**, and **46.3580, -9.5435, 27.7500** is the 20% darker color. If you saturate the color by 10%, you get **85.8710, -14.2334, 38.7011**, and if you desaturate by 10%, it is **101.7490, -9.2433, 24.7761**.

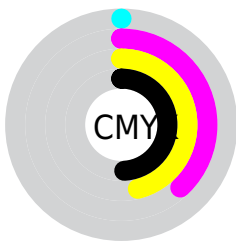
Distribution



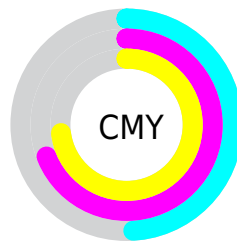
- Red (51%)
- Green (31%)
- Blue (27%)



- Red (51%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (49%)



- Cyan (49%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8100, -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 93.8100, -11.7383, 31.7386 by changing the saturation by 10% instead.

■ 93.8100, -11.7383,
31.7386

■ 93.8100, -11.7383,
31.7386

255.0000, 0.0000,
0.0000

■ 70.0270, -10.8593,
29.7943

■ 145.0770,
-13.3490, 35.0125

■ 46.3580, -9.5435,
27.7500

■ 171.6750,
-13.6438, 36.2420

■ 23.7770, -11.7221,
26.5056

■ 199.1590,
-14.3754, 37.5716

■ 9.3830, -4.1328,
18.9581

■ 222.6740,
-12.1643, 28.3499

■ 0.0000, 0.0000,
0.0000

■ 242.3020, -8.0369,
11.1361

254.8860, -0.4368,

0.1000

■ 93.8100, -11.7383,
31.7386

■ 93.8100, -11.7383,
31.7386

■ 85.8710, -14.2334,
38.7011

■ 101.7490, -9.2433,
24.7761

■ 77.9320, -16.7285,
45.6636

■ 109.6880, -6.7482,
17.8136

■ 69.9930, -19.2235,
52.6261

■ 117.6270, -4.2531,
10.8511

■ 62.6410, -22.0080,
59.0738

■ 124.9790, -1.4686,
4.4034

■ 54.7020, -24.5031,
66.0363

■ 132.9180, 1.0264,
-2.5591

■ 51.7840, -25.5295,
68.5954

■ 140.8570, 3.5215,
-9.5216

■ 148.7960, 6.0166,
-16.4841

■ 156.7350, 8.5116,
-23.4466

■ 164.6740, 11.0067,
-30.4091

Harmonies

Analogous

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



94.5140, -2.7184, 31.9982



93.8100, -11.7383, 31.7386



92.4470, -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.



93.8100, -11.7383, 31.7386



84.9830, -4.4286, -26.2951



90.9820, 20.7149, -17.5242

Complementary

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



93.8100, -11.7383, 31.7386



106.1900, 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.



83.2840, 22.5380, -42.3451



93.8100, -11.7383, 31.7386



80.1790, 8.2928, -46.6380

Square

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



93.8100, -11.7383, 31.7386



88.8730, -14.2344, -7.7816



74.2830, 20.5665, -63.3922



94.9310, 14.8240, 5.3225

Rectangle

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



93.8100, -11.7383, 31.7386



91.7510, -19.1042, 14.2504



74.2830, 20.5665, -63.3922



89.4540, 21.4682, -25.8312

Sweetspot

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



93.8100, -11.7383, 31.7386



154.2250, -4.5479, 12.0807



93.6400, 12.9955, 31.8877



75.3600, -2.6425, 7.5773



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



93.8100, -11.7383, 31.7386



112.3130, -17.9023, 48.8375



110.8330, -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.



106.1900, 11.7383, -31.7386



131.6870, 17.9023, -48.8375



88.5800, 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 93.8100, -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 × Fail

Black Background



This preview shows how the YUV color 93.8100, -11.7383, 31.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

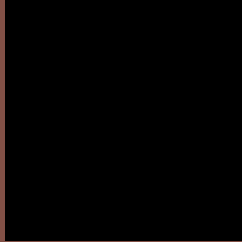
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.8100, -11.7383, 31.7386

Background



This preview shows how black text looks on a background with the YUV color 93.8100, -11.7383, 31.7386.



This preview shows how white text looks on a background with the YUV color 93.8100, -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

93.8100, -11.7383, 31.7386

Protanopia

92.8560, -8.3100, 5.3883

Deuteranopia

93.1840, -12.4157, 15.6246



Tritanopia

94.5310, -5.1918, 31.9833

Trichromacy



Original Color

93.8100, -11.7383, 31.7386

Protanomaly

92.9820, -9.3581, 14.9248

Deuteranomaly

93.6300, -12.1426, 21.3725

Tritanomaly

94.5480, -7.6652, 31.9684

Monochromacy



Original Color

93.8100, -11.7383, 31.7386

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9260, -4.4005, 11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8100, -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(130, 80, 70)` looks like.

```
.text, #text, p{  
    color:rgb(130, 80, 70)  
}
```

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(130, 80, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 80, 70) }
```

Border

The CSS property to change the border of an element to YUV 93.8100, -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(130, 80, 70) }
```


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

```
.border{ border-color:rgb(130, 80, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 80, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 80, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 80, 70);  
box-shadow:4px 4px 4px 4px rgb(130, 80,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 93.8100, -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(130, 80, 70) }
```

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

```
.background{ background-color: rgb(130, 80,  
70) }
```

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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