

Converting Colors

YUV(113.0830, -22.7189,
6.9432)

Have a look what the booklet for
YUV(113.0830, -22.7189, 6.9432)
contains.

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Color

**YUV(113.0830, -22.7189,
6.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	797643
RGB	121, 118, 67
RGB Percent	47%, 46%, 26%
CMY	0.5255, 0.5373, 0.7373
CMYK	0.00, 0.02, 0.45, 0.53
HSL	57°, 29%, 37%
HSV	57°, 45%, 47%
XYZ	15.3767, 17.4271, 7.8635
YIQ	113.0830, 18.1590, -15.2250

Conversions

Conversions Part 2

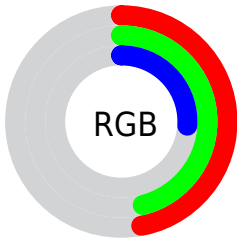
Format	Color
RYB	70, 121, 67
Decimal	7960131
CIELab	48.79, -6.84, 28.43
CIElCh	49, 29.236, 103.527
Yxy	17.4271, 0.3781, 0.4285
Android (android.graphics.Color)	4286150211 (0xFF797643)
YUV	113.0830, -22.7189, 6.9432
Hunter-Lab	41.7457, -7.3060, 18.0537

Details

The YUV color **113.0830, -22.7189, 6.9432** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **74.9170, 22.7189, -6.9432**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0400, -24.1767, 7.8579**, and **64.7130, -21.5505, 5.5137** is the 20% darker color. If you saturate the color by 10%, you get **111.1280, -27.6711, 8.6577**, and if you desaturate by 10%, it is **115.0380, -17.7667, 5.2287**.

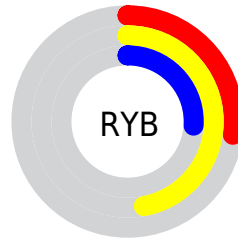
Distribution



Red (47%)

Green (46%)

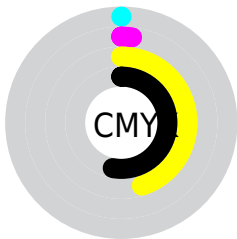
Blue (26%)



Red (27%)

Yellow (47%)

Blue (26%)

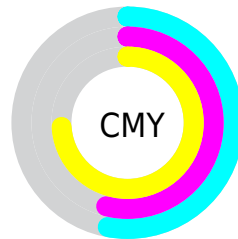


Cyan (0%)

Magenta (2%)

Yellow (45%)

Black (53%)



Cyan (53%)

Magenta (54%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0830, -22.7189, 6.9432 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 113.0830, -22.7189, 6.9432 by changing the saturation by 10% instead.

■ 113.0830,
-22.7189, 6.9432

■ 113.0830,
-22.7189, 6.9432

255.0000, 0.0000,
0.0000

■ 88.0120, -21.6979,
6.1285

■ 165.0400,
-24.1767, 7.8579

■ 64.7130, -21.5505,
5.5137

■ 192.2250,
-24.7609, 8.5727

■ 42.5280, -20.9663,
4.7989

■ 220.4100,
-25.3451, 9.2874

■ 23.3240, -11.4987,
1.4699

■ 247.6870,
-25.4817, 6.4135

■ 0.0000, 0.0000,
0.0000

■ 251.4660,
-13.5407, 3.0993

254.7720, -0.8736,

0.2000

■ 113.0830,
-22.7189, 6.9432

■ 113.0830,
-22.7189, 6.9432

■ 111.1280,
-27.6711, 8.6577

■ 115.0380,
-17.7667, 5.2287

■ 109.7600,
-32.9127, 9.8575

■ 116.4060,
-12.5252, 4.0289

■ 107.8050,
-37.8649, 11.5720

■ 118.3610, -7.5730,
2.3144

■ 105.8500,
-42.8170, 13.2866

■ 120.3160, -2.6208,
0.5999

■ 104.3680,
-48.4954, 14.5863

■ 121.7980, 3.0576,
-0.6998

■ 103.0970,
-50.8268, 15.7009

■ 123.7530, 8.0098,
-2.4144

■ 125.7080, 12.9620,
-4.1289

■ 127.0760, 18.2035,
-5.3287

■ 129.0310, 23.1557,
-7.0432

Harmonies

Analogous

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



115.4920, -22.9206, 25.0015



113.0830, -22.7189, 6.9432



109.6010, -15.0863, -14.5591

Triad

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



113.0830, -22.7189, 6.9432



91.8340, 28.1828, -79.6614



118.8050, 6.0121, 31.7430

Complementary

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



113.0830, -22.7189, 6.9432



74.9170, 22.7189, -6.9432

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.



118.7300, 16.4021, 12.5148



113.0830, -22.7189, 6.9432



106.3420, 27.9324, -45.9039

Square

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



113.0830, -22.7189, 6.9432



96.7790, 14.8990, -65.5812



115.5030, 23.9090, -15.3501



118.0590, -5.9451, 40.2903

Rectangle

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



113.0830, -22.7189, 6.9432



106.9780, -6.8912, -29.7987



115.5030, 23.9090, -15.3501



118.9830, 9.3754, 26.3249

Sweetspot

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



113.0830, -22.7189, 6.9432



155.1330, -8.4466, 2.5144



83.6020, -6.2128, 32.7980



76.9310, -5.3890, 1.8145



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



113.0830, -22.7189, 6.9432



145.3750, -35.6809, 11.0721



107.9670, -20.1967, -8.7411



60.3160, -2.6208, 0.5999



106.6410, -52.5740, 16.1008



215.0540, -106.0216, 32.4016

Inverse Universe

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



74.9170, 22.7189, -6.9432



85.0380, 35.9703, -10.5573



80.0330, 20.1967, 8.7411



55.6840, 2.6208, -0.5999



18.3590, 52.5740, -16.1008



36.9460, 106.0216, -32.4016

Previews

White Background



This preview shows how the YUV color 113.0830, -22.7189, 6.9432 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 113.0830, -22.7189, 6.9432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

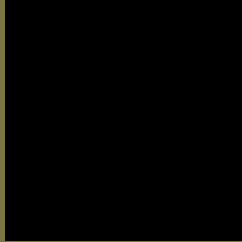
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.0830, -22.7189, 6.9432

Background



This preview shows how black text looks on a background with the YUV color 113.0830, -22.7189, 6.9432.



This preview shows how white text looks on a background with the YUV color 113.0830, -22.7189, 6.9432.

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

113.0830, -22.7189, 6.9432

Protanopia

113.5890, -23.4614, 11.7614

Deuteranopia

115.1820, -22.7677, 22.6424



Tritanopia

117.5110, 1.7201, 8.3219

Trichromacy



Original Color

113.0830, -22.7189, 6.9432

Protanomaly

113.5780, -23.4560, 10.0171

Deuteranomaly

114.7360, -23.0408, 16.8945

Tritanomaly

115.8070, -7.2999, 8.0623

Monochromacy



Original Color

113.0830, -22.7189, 6.9432

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1330, -8.4466, 2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0830, -22.7189, 6.9432 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(121, 118, 67)` looks like.

```
.text, #text, p{  
    color:rgb(121, 118, 67)  
}
```

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(121, 118, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 118, 67) }
```

Border

The CSS property to change the border of an element to YUV 113.0830, -22.7189, 6.9432 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(121, 118, 67) }
```


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

```
.border{ border-color:rgb(121, 118, 67) }
```

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

Here you see how a box with a 4 pixel rgb(121, 118, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 118, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 118, 67);  
box-shadow:4px 4px 4px 4px rgb(121, 118,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 113.0830, -22.7189, 6.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 118, 67) }
```

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

```
.background{ background-color: rgb(121,  
118, 67) }
```

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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