

Converting Colors

YUV(91.2110, -9.9640, 22.6170)

Have a look what the booklet for
YUV(91.2110, -9.9640, 22.6170)
contains.

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Color

**YUV(91.2110, -9.9640,
22.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	755247
RGB	117, 82, 71
RGB Percent	46%, 32%, 28%
CMY	0.5412, 0.6784, 0.7216
CMYK	0.00, 0.30, 0.39, 0.54
HSL	14°, 24%, 37%
HSV	14°, 39%, 46%
XYZ	11.4907, 10.2714, 7.3382
YIQ	91.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

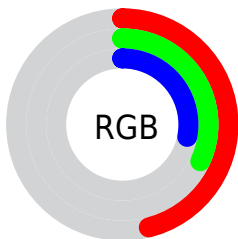
Format	Color
R_{YB}	117, 85, 71
Decimal	7688775
CIE _{Lab}	38.33, 13.07, 12.27
CIE _{LCh}	38, 17.932, 43.195
Yxy	10.2714, 0.3949, 0.3530
Android (android.graphics.Color)	4285878855 (0xFF755247)
YUV	91.2110, -9.9640, 22.6170
Hunter-Lab	32.0491, 7.9128, 8.8589

Details

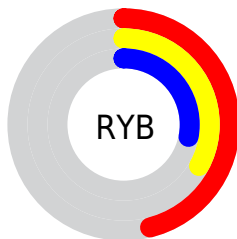
The YUV color **91.2110, -9.9640, 22.6170** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **96.7890, 9.9640, -22.6170**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8800, -11.2798, 24.6612**, and **44.9440, -8.3534, 19.3431** is the 20% darker color. If you saturate the color by 10%, you get **84.5600, -12.6011, 28.4499**, and if you desaturate by 10%, it is **97.8620, -7.3270, 16.7840**.

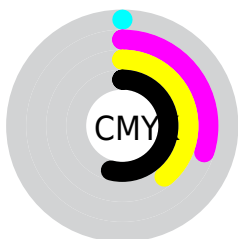
Distribution



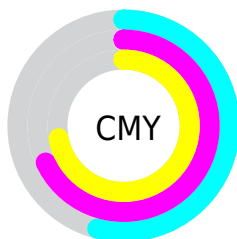
- Red (46%)
- Green (32%)
- Blue (28%)



- Red (46%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (54%)



- Cyan (54%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.2110, -9.9640, 22.6170 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 91.2110, -9.9640, 22.6170 by changing the saturation by 10% instead.

■ 91.2110, -9.9640,
22.6170

■ 91.2110, -9.9640,
22.6170

■ 255.0000, 0.0000,
0.0000

■ 67.7270, -9.2324,
21.2874

■ 141.8800,
-11.2798, 24.6612

■ 44.9440, -8.3534,
19.3431

■ 168.4780,
-11.5747, 25.8908

■ 22.6620, -10.6794,
18.7134

■ 195.7770,
-11.7221, 26.5056

■ 4.4850, -2.2111,
9.2217

■ 223.3750,
-12.0169, 27.7351

■ 0.0000, 0.0000,
0.0000

■ 243.5900, -8.1789,
10.0066

■ 91.2110, -9.9640,
22.6170

■ 91.2110, -9.9640,
22.6170

■ 84.5600, -12.6011,
28.4499

■ 97.8620, -7.3270,
16.7840

■ 78.0230, -14.8013,
34.1828

■ 104.3990, -5.1267,
11.0511

■ 71.3720, -17.4384,
40.0158

■ 111.0500, -2.4896,
5.2182

■ 64.7210, -20.0755,
45.8487

■ 117.7010, 0.1474,
-0.6148

■ 58.0700, -22.7125,
51.6816

■ 124.3520, 2.7845,
-6.4477

■ 52.1200, -25.2022,
56.8998

■ 130.3020, 5.2741,
-11.6659

■ 51.4190, -25.3496,
57.5145

■ 136.9530, 7.9112,
-17.4988

■ 143.6040, 10.5482,

-23.3317

■ 150.1410, 12.7485,
-29.0647

Harmonies

Analogous

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



92.1170, -4.0017, 23.5764



91.2110, -9.9640, 22.6170



90.5430, -13.5787, 15.3098

Triad

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



91.2110, -9.9640, 22.6170



84.9990, -1.9715, -21.0471



89.9140, 13.8464, -7.8176

Complementary

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



91.2110, -9.9640, 22.6170



96.7890, 9.9640, -22.6170

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.



86.5700, 15.4950, -23.3019



91.2110, -9.9640, 22.6170



82.8220, 6.4968, -30.5389

Square

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



91.2110, -9.9640, 22.6170



86.9530, -8.8508, -7.8518



83.2330, 13.1961, -32.6533



91.8620, 9.4350, 7.1370

Rectangle

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



91.2110, -9.9640, 22.6170



89.3850, -13.9938, 8.4324



83.2330, 13.1961, -32.6533



89.1090, 14.7363, -13.2506

Sweetspot

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



91.2110, -9.9640, 22.6170



142.7300, -3.8109, 9.0068



88.7440, 8.5072, 24.7805



70.4630, -2.2003, 5.7329



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



91.2110, -9.9640, 22.6170



112.5070, -15.5330, 35.5124



104.7120, -16.6200, 10.7766



55.3810, -1.1738, 3.1739



53.5010, -26.3760, 60.0736



109.9700, -54.2152, 122.8063

Inverse Universe

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



96.7890, 9.9640, -22.6170



121.4930, 15.5330, -35.5124



83.2880, 16.6200, -10.7766



56.0320, 1.4632, -2.6591



68.4990, 26.3760, -60.0736



140.0300, 54.2152, -122.8063

Previews

White Background



This preview shows how the YUV color 91.2110, -9.9640, 22.6170 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 91.2110, -9.9640, 22.6170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

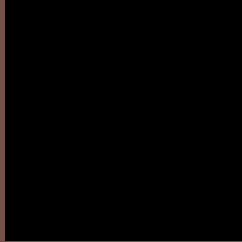
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.2110, -9.9640, 22.6170

Background



This preview shows how black text looks on a background with the YUV color 91.2110, -9.9640, 22.6170.

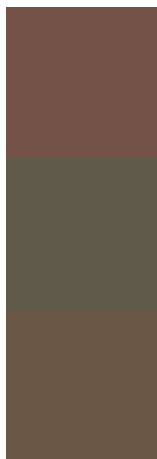


This preview shows how white text looks on a background with the YUV color 91.2110, -9.9640,

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

91.2110, -9.9640, 22.6170

Protanopia

90.0840, -7.4364, 5.1883

Deuteranopia

90.7430, -10.2263, 13.3804



Tritanopia

92.0460, -2.9807, 22.7617

Trichromacy



Original Color

91.2110, -9.9640, 22.6170

Protanomaly

90.6010, -8.1843, 11.7509

Deuteranomaly

90.7650, -10.2371, 16.8691

Tritanomaly

92.0630, -5.4541, 22.7467

Monochromacy



Original Color

91.2110, -9.9640, 22.6170

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1320, -3.5161, 7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2110, -9.9640, 22.6170 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(117, 82, 71)` looks like.

```
.text, #text, p{  
    color:rgb(117, 82, 71)  
}
```

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(117, 82, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 82, 71) }
```

Border

The CSS property to change the border of an element to YUV 91.2110, -9.9640, 22.6170 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(117, 82, 71) }
```


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

```
.border{ border-color:rgb(117, 82, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 82, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 82, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 82, 71);  
box-shadow:4px 4px 4px 4px rgb(117, 82,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 91.2110, -9.9640, 22.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 82, 71) }
```

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

```
.background{ background-color: rgb(117, 82,  
71) }
```

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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