

Converting Colors

YUV(96.8150, -12.7268,
22.0872)

Have a look what the booklet for
YUV(96.8150, -12.7268, 22.0872)
contains.

YUV(96.8150, -12.7268, 22.0872)	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(96.8150, -12.7268,
22.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5947
RGB	122, 89, 71
RGB Percent	48%, 35%, 28%
CMY	0.5216, 0.6510, 0.7216
CMYK	0.00, 0.27, 0.42, 0.52
HSL	21°, 26%, 38%
HSV	21°, 42%, 48%
XYZ	12.7357, 11.7373, 7.5555
YIQ	96.8150, 25.4460, 1.3980

Conversions

Conversions Part 2

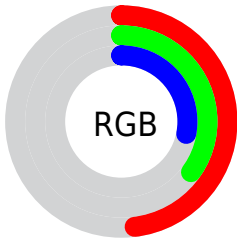
Format	Color
R_{YB}	122, 99, 71
Decimal	8018247
CIE _{Lab}	40.80, 11.05, 15.74
CIE _{LCh}	41, 19.229, 54.926
Yxy	11.7373, 0.3976, 0.3665
Android (android.graphics.Color)	4286208327 (0xFF7A5947)
YUV	96.8150, -12.7268, 22.0872
Hunter-Lab	34.2597, 6.4014, 10.9062

Details

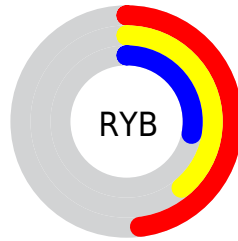
The YUV color $96.8150, -12.7268, 22.0872$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $96.1850, 12.7268, -22.0872$, and the grayscale version is $97.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $147.8970, -13.7532, 24.6463$, and $49.5480, -11.1162, 18.8134$ is the 20% darker color. If you saturate the color by 10%, you get $90.7510, -15.6532, 27.4054$, and if you desaturate by 10%, it is $102.8790, -9.8003, 16.7691$.

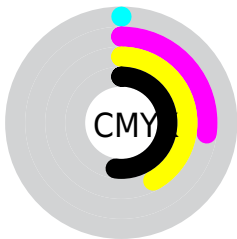
Distribution



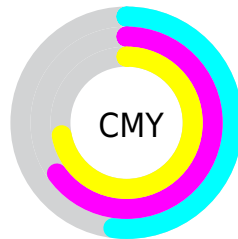
- Red (48%)
- Green (35%)
- Blue (28%)



- Red (48%)
- Yellow (39%)
- Blue (28%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8150, -12.7268, 22.0872 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 96.8150, -12.7268, 22.0872 by changing the saturation by 10% instead.

■ 96.8150, -12.7268,
22.0872

■ 96.8150, -12.7268,
22.0872

■ 255.0000, 0.0000,
0.0000

■ 72.9180, -12.2846,
20.2429

■ 147.8970,
-13.7532, 24.6463

■ 49.5480, -11.1162,
18.8134

■ 174.3810,
-14.4848, 25.9759

■ 27.4940, -12.5685,
17.9838

■ 202.2670,
-14.9216, 26.0758

■ 7.7740, -3.8326,
15.9842

■ 228.0710,
-14.3320, 23.6167

■ 0.0000, 0.0000,
0.0000

■ 248.2860,
-10.4940, 5.8882

■ 96.8150, -12.7268,
22.0872

■ 96.8150, -12.7268,
22.0872

■ 90.7510, -15.6532,
27.4054

■ 102.8790, -9.8003,
16.7691

■ 84.6870, -18.5797,
32.7235

■ 108.9430, -6.8739,
11.4510

■ 78.5090, -21.9429,
38.1416

■ 115.1210, -3.5107,
6.0329

■ 72.4450, -24.8694,
43.4597

■ 121.1850, -0.5842,
0.7148

■ 66.9680, -28.0852,
48.2631

■ 126.6620, 2.6316,
-4.0886

■ 61.7190, -30.4275,
52.8664

■ 132.7260, 5.5581,
-9.4067

■ 138.7900, 8.4845,
-14.7248

■ 144.9680, 11.8478,

-20.1429

■ 151.0320, 14.7742,
-25.4611

Harmonies

Analogous

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



97.7430, -6.7753, 26.5354



96.8150, -12.7268, 22.0872



95.4780, -15.0257, 12.7358

Triad

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



96.8150, -12.7268, 22.0872



89.5790, 1.6866, -27.6948



97.2460, 13.6827, -1.9697

Complementary

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



96.8150, -12.7268, 22.0872



96.1850, 12.7268, -22.0872

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.



93.5320, 16.4997, -18.8836



96.8150, -12.7268, 22.0872



88.1140, 10.2968, -36.0570

Square

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



96.8150, -12.7268, 22.0872



91.7780, -6.7926, -14.7143



89.8030, 15.3801, -33.1532



98.7380, 7.5242, 13.3848

Rectangle

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



96.8150, -12.7268, 22.0872



94.6510, -14.1249, 3.8141



89.8030, 15.3801, -33.1532



96.1420, 14.7200, -8.0175

Sweetspot

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



96.8150, -12.7268, 22.0872



148.0890, -4.9739, 8.6919



90.0110, 6.8966, 28.0544



72.8220, -3.3632, 5.4181



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.



96.8150, -12.7268, 22.0872



119.0570, -19.7481, 34.1530



111.4900, -19.9616, 9.2173



57.9680, -1.4632, 2.6591



63.2030, -31.1591, 54.1960



127.5910, -62.9024, 109.1067

Inverse Universe

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



96.1850, 12.7268, -22.0872



117.9430, 19.7481, -34.1530



81.5100, 19.9616, -9.2173



58.0320, 1.4632, -2.6591



61.7970, 31.1591, -54.1960



124.4090, 62.9024, -109.1067

Previews

White Background



This preview shows how the YUV color 96.8150, -12.7268, 22.0872 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 96.8150, -12.7268, 22.0872 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 96.8150, -12.7268, 22.0872

Background



This preview shows how black text looks on a background with the YUV color 96.8150, -12.7268, 22.0872.



This preview shows how white text looks on a background with the YUV color 96.8150, -12.7268,

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

96.8150, -12.7268, 22.0872

Protanopia

95.5850, -10.6414, 6.5030

Deuteranopia

96.0700, -12.8525, 15.7246



Tritanopia

98.1600, -2.5439, 22.6617

Trichromacy



Original Color

96.8150, -12.7268, 22.0872

Protanomaly

95.8030, -11.2419, 12.4508

Deuteranomaly

96.3800, -13.0053, 18.0837

Tritanomaly

97.5360, -6.1802, 22.3319

Monochromacy



Original Color

96.8150, -12.7268, 22.0872

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8150, -12.7268, 22.0872 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(122, 89, 71)` looks like.

```
.text, #text, p{  
    color:rgb(122, 89, 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(122, 89, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 89, 71) }
```

Border

The CSS property to change the border of an element to YUV 96.8150, -12.7268, 22.0872 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(122, 89, 71) }
```


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

```
.border{ border-color:rgb(122, 89, 71) }
```

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

Here you see how a box with a 4 pixel rgb(122, 89, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 89, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 89, 71);  
box-shadow:4px 4px 4px 4px rgb(122, 89,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 96.8150, -12.7268, 22.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 89, 71) }
```

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

```
.background{ background-color: rgb(122, 89,  
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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