

Converting Colors

YUV(97.1950, -12.4211,
17.3690)

Have a look what the booklet for
YUV(97.1950, -12.4211, 17.3690)
contains.

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Color

**YUV(97.1950, -12.4211,
17.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	755C48
RGB	117, 92, 72
RGB Percent	46%, 36%, 28%
CMY	0.5412, 0.6392, 0.7176
CMYK	0.00, 0.21, 0.38, 0.54
HSL	27°, 24%, 37%
HSV	27°, 38%, 46%
XYZ	12.3330, 11.9041, 7.7786
YIQ	97.1950, 21.3200, -0.9200

Conversions

Conversions Part 2

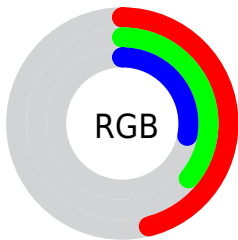
Format	Color
RYB	117, 108, 72
Decimal	7691336
CIELab	41.06, 7.17, 15.40
CIElCh	41, 16.985, 65.033
Yxy	11.9041, 0.3852, 0.3718
Android (android.graphics.Color)	4285881416 (0xFF755C48)
YUV	97.1950, -12.4211, 17.3690
Hunter-Lab	34.5023, 3.4264, 10.7846

Details

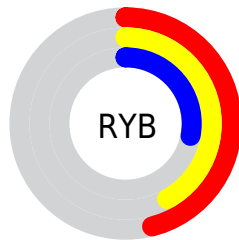
The YUV color **97.1950, -12.4211, 17.3690** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **91.8050, 12.4211, -17.3690**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9780, -13.3002, 19.3133**, and **50.2270, -10.9579, 14.7099** is the 20% darker color. If you saturate the color by 10%, you get **92.3050, -15.9264, 21.6575**, and if you desaturate by 10%, it is **102.0850, -8.9159, 13.0805**.

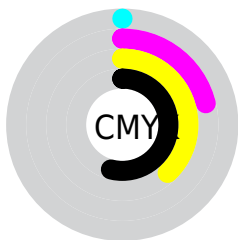
Distribution



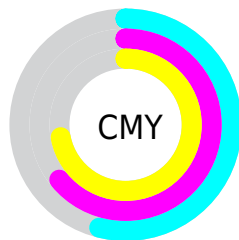
- Red (46%)
- Green (36%)
- Blue (28%)



- Red (46%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (21%)
- Yellow (38%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.1950, -12.4211, 17.3690 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 97.1950, -12.4211, 17.3690 by changing the saturation by 10% instead.

■ 97.1950, -12.4211,
17.3690

■ 97.1950, -12.4211,
17.3690

■ 255.0000, 0.0000,
0.0000

■ 73.0100, -11.8369,
16.6542

■ 147.9780,
-13.3002, 19.3133

■ 50.2270, -10.9579,
14.7099

■ 175.0490,
-14.3212, 20.1280

■ 28.4720, -12.5577,
14.4951

■ 202.3480,
-14.4686, 20.7428

■ 6.2790, -3.0955,
12.9103

■ 230.5330,
-15.0528, 21.4576

■ 0.0000, 0.0000,
0.0000

■ 250.1610,
-10.9254, 4.2438

■ 97.1950, -12.4211,
17.3690

■ 97.1950, -12.4211,
17.3690

■ 92.3050, -15.9264,
21.6575

■ 102.0850, -8.9159,
13.0805

■ 86.9420, -18.7054,
26.3609

■ 107.4480, -6.1369,
8.3771

■ 82.0520, -22.2106,
30.6494

■ 112.9250, -2.9210,
3.5738

■ 76.5750, -25.4265,
35.4527

■ 117.8150, 0.5842,
-0.7148

■ 71.7990, -28.4949,
39.6413

■ 123.2920, 3.8000,
-5.5181

■ 66.3220, -31.7107,
44.4446

■ 128.0680, 6.8685,
-9.7066

■ 65.5070, -32.2950,
45.1594

■ 133.5450, 10.0843,
-14.5100

■ 138.4350, 13.5895,

-18.7985

■ 143.2110, 16.6580,
-22.9870

Harmonies

Analogous

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



97.9660, -8.3642, 22.8318



97.1950, -12.4211, 17.3690



96.2000, -13.4096, 7.7176

Triad

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



97.1950, -12.4211, 17.3690



90.8610, 4.0125, -27.0651



98.1820, 10.7563, 3.3484

Complementary

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



97.1950, -12.4211, 17.3690



91.8050, 12.4211, -17.3690

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.



95.8920, 13.8572, -11.3063



97.1950, -12.4211, 17.3690



90.5600, 10.5699, -30.3091

Square

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



97.1950, -12.4211, 17.3690



92.5650, -3.7295, -17.1585



92.6300, 14.4794, -24.2315



99.0650, 4.8980, 15.7290

Rectangle

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



97.1950, -12.4211, 17.3690



95.1990, -11.9301, -0.1745



92.6300, 14.4794, -24.2315



97.7900, 11.9355, -1.5698

Sweetspot

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



97.1950, -12.4211, 17.3690



145.0780, -4.9685, 6.9476



88.4190, 4.7234, 25.0655



72.2240, -3.0684, 4.1886



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.



97.1950, -12.4211, 17.3690



122.1270, -19.2896, 27.0756



110.1090, -18.7877, 6.0434



55.9680, -1.4632, 2.6591



68.1760, -33.6108, 47.2036



139.9070, -68.9742, 96.5516

Inverse Universe

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



91.8050, 12.4211, -17.3690



113.8730, 19.2896, -27.0756



78.8910, 18.7877, -6.0434



55.4450, 1.7526, -2.1443



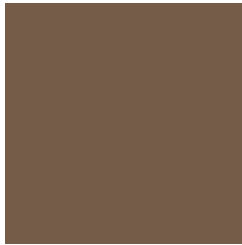
53.8240, 33.6108, -47.2036



110.0930, 68.9742, -96.5516

Previews

White Background



This preview shows how the YUV color 97.1950, -12.4211, 17.3690 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 97.1950, -12.4211, 17.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

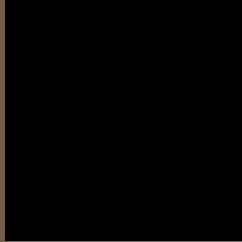
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.1950, -12.4211, 17.3690

Background



This preview shows how black text looks on a background with the YUV color 97.1950, -12.4211, 17.3690.



This preview shows how white text looks on a background with the YUV color 97.1950, -12.4211,

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

97.1950, -12.4211, 17.3690

Protanopia

96.4710, -11.0782, 6.6029

Deuteranopia

97.1840, -12.4157, 15.6246



Tritanopia

98.7680, -1.3646, 17.7435

Trichromacy



Original Color

97.1950, -12.4211, 17.3690

Protanomaly

96.6780, -11.6733, 10.8064

Deuteranomaly

97.4830, -12.5631, 16.2394

Tritanomaly

98.0300, -5.4378, 17.5137

Monochromacy



Original Color

97.1950, -12.4211, 17.3690

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8930, -4.3842, 6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1950, -12.4211, 17.3690 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, 92, 72)` looks like.

```
.text, #text, p{  
    color:rgb(117, 92, 72)  
}
```

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, 92, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 92, 72) }
```

Border

The CSS property to change the border of an element to YUV 97.1950, -12.4211, 17.3690 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, 92, 72) }
```


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

```
.border{ border-color:rgb(117, 92, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 92, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 92, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 92, 72);  
box-shadow:4px 4px 4px 4px rgb(117, 92,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 97.1950, -12.4211, 17.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 92, 72) }
```

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

```
.background{ background-color: rgb(117, 92,  
72) }
```

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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