

Converting Colors

YUV(121.5750, -12.1155,
12.6507)

Have a look what the booklet for
YUV(121.5750, -12.1155, 12.6507)
contains.

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Color

**YUV(121.5750, -12.1155,
12.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	887761
RGB	136, 119, 97
RGB Percent	53%, 47%, 38%
CMY	0.4667, 0.5333, 0.6196
CMYK	0.00, 0.12, 0.29, 0.47
HSL	34°, 17%, 46%
HSV	34°, 29%, 53%
XYZ	18.9078, 19.2910, 14.0362
YIQ	121.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

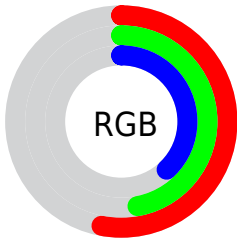
Format	Color
RYB	127, 136, 97
Decimal	8943457
CIELab	51.03, 2.98, 14.53
CIELCh	51, 14.831, 78.427
Yxy	19.2910, 0.3620, 0.3693
Android (android.graphics.Color)	4287133537 (0xFF887761)
YUV	121.5750, -12.1155, 12.6507
Hunter-Lab	43.9215, -0.0198, 11.7974

Details

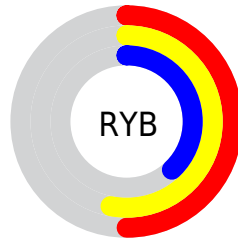
The YUV color **121.5750, -12.1155, 12.6507** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111.4250, 12.1155, -12.6507**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0590, -12.8471, 13.9803**, and **73.0910, -11.3839, 11.3212** is the 20% darker color. If you saturate the color by 10%, you get **116.4570, -16.4943, 17.1392**, and if you desaturate by 10%, it is **126.6930, -7.7366, 8.1622**.

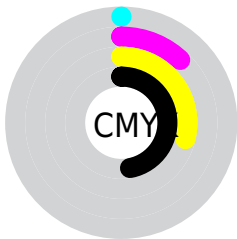
Distribution



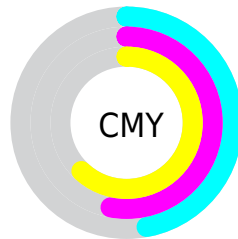
- Red (53%)
- Green (47%)
- Blue (38%)



- Red (50%)
- Yellow (53%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5750, -12.1155, 12.6507 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 121.5750, -12.1155, 12.6507 by changing the saturation by 10% instead.

■ 121.5750,
-12.1155, 12.6507

■ 121.5750,
-12.1155, 12.6507

■ 255.0000, 0.0000,
0.0000

■ 96.3900, -11.5313,
11.9360

■ 174.0590,
-12.8471, 13.9803

■ 73.0910, -11.3839,
11.3212

■ 201.2440,
-13.4313, 14.6950

■ 50.0200, -10.3629,
10.5065

■ 229.2440,
-13.4313, 14.6950

■ 28.9660, -11.8152,
9.6768

■ 252.1500,
-10.9200, 2.4994

■ 4.4740, -2.2057,
7.4773

■ 0.0000, 0.0000,
0.0000

■ 121.5750,
-12.1155, 12.6507

■ 121.5750,
-12.1155, 12.6507

■ 116.4570,
-16.4943, 17.1392

■ 126.6930, -7.7366,
8.1622

■ 111.4530,
-20.4363, 21.5277

■ 131.6970, -3.7946,
3.7737

■ 106.3350,
-24.8152, 26.0162

■ 136.8150, 0.5842,
-0.7148

■ 101.3310,
-28.7572, 30.4047

■ 141.8190, 4.5262,
-5.1033

■ 96.2130, -33.1360,
34.8932

■ 146.9370, 8.9051,
-9.5917

■ 91.0950, -37.5148,
39.3817

■ 152.0550, 13.2839,
-14.0802

■ 86.6780, -41.7463,
43.2554

■ 156.4720, 17.5153,
-17.9539

■ 85.8630, -42.3305,

■ 161.5900, 21.8941,

43.9701

-22.4424

■ 166.5940, 25.8362,
-26.8309

Harmonies

Analogous

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



122.6020, -9.6638, 19.6430



121.5750, -12.1155, 12.6507



120.0360, -11.3567, 2.5994

Triad

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



121.5750, -12.1155, 12.6507



116.7410, 6.0437, -25.2059



123.5910, 7.1036, 8.2517

Complementary

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



121.5750, -12.1155, 12.6507



111.4250, 12.1155, -12.6507

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.



121.9530, 11.3622, -4.3438



121.5750, -12.1155, 12.6507



117.4190, 11.1324, -24.0465

Square

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



121.5750, -12.1155, 12.6507



117.3520, -0.6665, -19.6027



119.6310, 12.9999, -16.3394



123.8650, 1.5456, 17.6584

Rectangle

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



121.5750, -12.1155, 12.6507



119.2630, -9.0037, -5.4927



119.6310, 12.9999, -16.3394



123.0250, 8.8617, 4.3631

Sweetspot

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



121.5750, -12.1155, 12.6507



170.0670, -4.9630, 5.2032



110.7130, 2.1135, 22.1767



85.5120, -3.2104, 3.0590



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



121.5750, -12.1155, 12.6507



153.8980, -18.6837, 19.3835



130.9560, -16.7403, 2.6696



66.4410, -2.1894, 2.2442



83.7920, -41.3095, 43.1554



3.2560, -1.6052, 1.5295

Inverse Universe

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



111.4250, 12.1155, -12.6507



138.1020, 18.6837, -19.3835



102.0440, 16.7403, -2.6696



64.5590, 2.1894, -2.2442



49.2080, 41.3095, -43.1554



1.7440, 1.6052, -1.5295

Previews

White Background



This preview shows how the YUV color 121.5750, -12.1155, 12.6507 looks on a white background.

Color Contrast Check

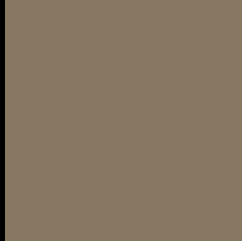
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 121.5750, -12.1155, 12.6507 looks on a black 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

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

YUV 121.5750, -12.1155, 12.6507

Background



This preview shows how black text looks on a background with the YUV color 121.5750, -12.1155, 12.6507.



This preview shows how white text looks on a background with the YUV color 121.5750, -12.1155,

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

121.5750, -12.1155, 12.6507

Protanopia

120.7700, -11.2256, 7.2177

Deuteranopia

122.1950, -12.4211, 17.3690



Tritanopia

123.2020, 0.3934, 13.8548

Trichromacy



Original Color

121.5750, -12.1155, 12.6507

Protanomaly

121.0800, -11.3784, 9.5768

Deuteranomaly

122.1840, -12.4157, 15.6246

Tritanomaly

122.3500, -4.1165, 13.7251

Monochromacy



Original Color

121.5750, -12.1155, 12.6507

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5750, -12.1155, 12.6507 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(136, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(136, 119, 97)  
}
```

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(136, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 119, 97) }
```

Border

The CSS property to change the border of an element to YUV 121.5750, -12.1155, 12.6507 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(136, 119, 97) }
```


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

```
.border{ border-color:rgb(136, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(136, 119,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 121.5750, -12.1155, 12.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 119, 97) }
```

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

```
.background{ background-color: rgb(136,  
119, 97) }
```

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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