

Converting Colors

YUV(121.3960, -13.9992,
10.1767)

Have a look what the booklet for
YUV(121.3960, -13.9992, 10.1767)
contains.

YUV(121.3960, -13.9992, 10.1767)	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(121.3960, -13.9992,
10.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	85795D
RGB	133, 121, 93
RGB Percent	52%, 47%, 36%
CMY	0.4784, 0.5255, 0.6353
CMYK	0.00, 0.09, 0.30, 0.48
HSL	42°, 18%, 44%
HSV	42°, 30%, 52%
XYZ	18.4860, 19.4516, 13.1361
YIQ	121.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

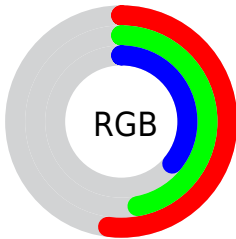
Format	Color
RYB	110, 133, 93
Decimal	8747357
CIELab	51.21, -0.01, 17.06
CIELCh	51, 17.057, 90.038
Yxy	19.4516, 0.3619, 0.3809
Android (android.graphics.Color)	4286937437 (0xFF85795D)
YUV	121.3960, -13.9992, 10.1767
Hunter-Lab	44.1040, -2.3643, 13.2136

Details

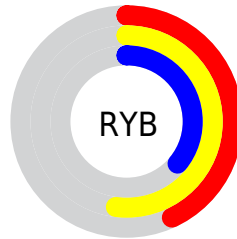
The YUV color **121.3960, -13.9992, 10.1767** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **104.6040, 13.9992, -10.1767**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7660, -15.1676, 11.6062**, and **73.0260, -12.8308, 8.7472** is the 20% darker color. If you saturate the color by 10%, you get **117.5660, -18.5200, 13.5356**, and if you desaturate by 10%, it is **125.2260, -9.4784, 6.8178**.

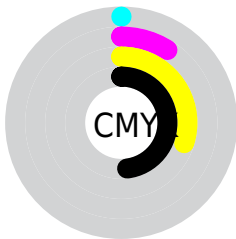
Distribution



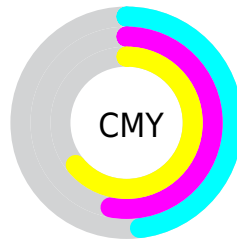
- Red (52%)
- Green (47%)
- Blue (36%)



- Red (43%)
- Yellow (52%)
- Blue (36%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3960, -13.9992, 10.1767 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 121.3960, -13.9992, 10.1767 by changing the saturation by 10% instead.

■ 121.3960,
-13.9992, 10.1767

■ 121.3960,
-13.9992, 10.1767

■ 255.0000, 0.0000,
0.0000

■ 96.2110, -13.4150,
9.4620

■ 173.7660,
-15.1676, 11.6062

■ 73.0260, -12.8308,
8.7472

■ 201.6520,
-15.6044, 11.7062

■ 49.9550, -11.8098,
7.9325

■ 229.5380,
-16.0412, 11.8062

■ 28.3850, -13.9938,
8.4324

■ 251.5800,
-13.1039, 2.9993

■ 4.4410, -2.1894,
2.2442

■ 254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 121.3960,
-13.9992, 10.1767

■ 121.3960,
-13.9992, 10.1767

■ 117.5660,
-18.5200, 13.5356

■ 125.2260, -9.4784,
6.8178

■ 113.6220,
-23.4776, 16.9945

■ 129.1700, -4.5208,
3.3589

■ 109.7920,
-27.9985, 20.3534

■ 133.0000, 0.0000,
0.0000

■ 105.9620,
-32.5193, 23.7123

■ 136.8300, 4.5208,
-3.3589

■ 102.0180,
-37.4769, 27.1712

■ 140.7740, 9.4784,
-6.8178

■ 98.1880, -41.9977,
30.5301

■ 144.6040, 13.9992,
-10.1767

■ 94.3580, -46.5185,
33.8890

■ 148.4340, 18.5200,
-13.5356

■ 152.2640, 23.0408,

-16.8945

■ 156.2080, 27.9985,
-20.3534

Harmonies

Analogous

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



122.5050, -12.5740, 19.7281



121.3960, -13.9992, 10.1767



120.0030, -11.3405, -2.6336

Triad

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



121.3960, -13.9992, 10.1767



116.0330, 9.8437, -30.7239



124.6950, 6.0664, 14.2995

Complementary

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



121.3960, -13.9992, 10.1767



104.6040, 13.9992, -10.1767

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.



123.3990, 11.6353, 1.4041



121.3960, -13.9992, 10.1767



117.6190, 14.4848, -25.9759

Square

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



121.3960, -13.9992, 10.1767



116.1170, 2.4073, -25.5356



120.8100, 14.8837, -13.8654



124.6160, -0.7967, 22.2618

Rectangle

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



121.3960, -13.9992, 10.1767



118.5720, -7.6770, -11.0256



120.8100, 14.8837, -13.8654



124.2430, 8.2612, 10.3109

Sweetspot

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



121.3960, -13.9992, 10.1767



168.9420, -5.3944, 3.5589



106.3280, -0.6547, 23.3913



84.0990, -3.4998, 2.5442



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



121.3960, -13.9992, 10.1767



155.3660, -21.8724, 15.4650



126.3470, -16.4401, -0.3043



64.1420, -2.0420, 1.6295



92.2870, -45.4975, 33.0743



2.0710, -1.0210, 0.8147

Inverse Universe

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



104.6040, 13.9992, -10.1767



129.2210, 21.5830, -15.9798



99.9520, 16.2927, 0.9191



61.8580, 2.0420, -1.6295



37.7130, 45.4975, -33.0743



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 121.3960, -13.9992, 10.1767 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 121.3960, -13.9992, 10.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

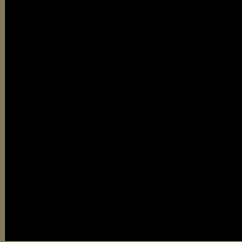
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.3960, -13.9992, 10.1767

Background



This preview shows how black text looks on a background with the YUV color 121.3960, -13.9992, 10.1767.



This preview shows how white text looks on a background with the YUV color 121.3960, -13.9992, 10.1767.

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

121.3960, -13.9992, 10.1767

Protanopia

121.0860, -13.8464, 7.8176

Deuteranopia

122.1520, -13.8789, 18.2837



Tritanopia

124.0060, 0.9830, 11.3957

Trichromacy



Original Color

121.3960, -13.9992, 10.1767

Protanomaly

121.3850, -13.9938, 8.4324

Deuteranomaly

121.5430, -13.5787, 15.3098

Tritanomaly

122.9260, -4.4005, 11.4659

Monochromacy



Original Color

121.3960, -13.9992, 10.1767

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3960, -13.9992, 10.1767 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(133, 121, 93)` looks like.

```
.text, #text, p{  
    color:rgb(133, 121, 93)  
}
```

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(133, 121, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 121, 93) }
```

Border

The CSS property to change the border of an element to YUV 121.3960, -13.9992, 10.1767 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(133, 121, 93) }
```


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

```
.border{ border-color:rgb(133, 121, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 121, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 121, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 121, 93);  
box-shadow:4px 4px 4px 4px rgb(133, 121,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 121.3960, -13.9992, 10.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 121, 93) }
```

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

```
.background{ background-color: rgb(133,  
121, 93) }
```

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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