

Converting Colors

YUV(121.2770, -13.4476,
19.9281)

Have a look what the booklet for
YUV(121.2770, -13.4476, 19.9281)
contains.

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Color

**YUV(121.2770, -13.4476,
19.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	90735E
RGB	144, 115, 94
RGB Percent	56%, 45%, 37%
CMY	0.4353, 0.5490, 0.6314
CMYK	0.00, 0.20, 0.35, 0.44
HSL	25°, 21%, 47%
HSV	25°, 35%, 56%
XYZ	19.6527, 18.9989, 13.2210
YIQ	121.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

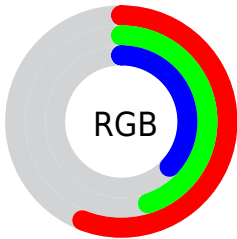
Format	Color
RYB	144, 130, 94
Decimal	9466718
CIELab	50.69, 8.22, 15.94
CIElCh	51, 17.935, 62.706
Yxy	18.9989, 0.3789, 0.3663
Android (android.graphics.Color)	4287656798 (0xFF90735E)
YUV	121.2770, -13.4476, 19.9281
Hunter-Lab	43.5877, 4.2030, 12.5276

Details

The YUV color **121.2770, -13.4476, 19.9281** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.7230, 13.4476, -19.9281**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9460, -14.7634, 21.9724**, and **72.3090, -11.9843, 17.2690** is the 20% darker color. If you saturate the color by 10%, you get **114.9850, -17.2476, 25.4462**, and if you desaturate by 10%, it is **127.5690, -9.6475, 14.4100**.

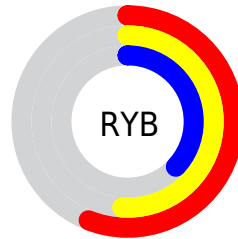
Distribution



Red (56%)

Green (45%)

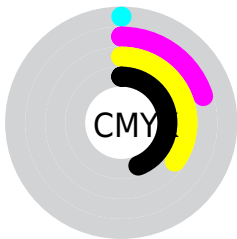
Blue (37%)



Red (56%)

Yellow (51%)

Blue (37%)

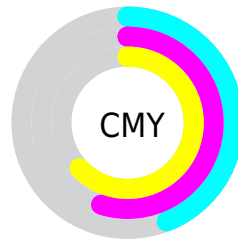


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2770, -13.4476, 19.9281 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 121.2770, -13.4476, 19.9281 by changing the saturation by 10% instead.

■ 121.2770,
-13.4476, 19.9281

■ 121.2770,
-13.4476, 19.9281

■ 255.0000, 0.0000,
0.0000

■ 96.0920, -12.8634,
19.2133

■ 173.9460,
-14.7634, 21.9724

■ 72.3090, -11.9843,
17.2690

■ 201.2450,
-14.9108, 22.5871

■ 49.8250, -11.2527,
15.9395

■ 229.1310,
-15.3476, 22.6871

■ 27.5430, -13.5787,
15.3098

■ 249.3460,
-11.5096, 4.9586

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,
0.0000

■ 121.2770,
-13.4476, 19.9281

■ 121.2770,
-13.4476, 19.9281

■ 114.9850,
-17.2476, 25.4462

■ 127.5690, -9.6475,
14.4100

■ 107.9920,
-21.1951, 31.5790

■ 134.5620, -5.7001,
8.2771

■ 101.7000,
-24.9951, 37.0971

■ 140.8540, -1.9000,
2.7590

■ 95.2940, -29.2319,
42.7152

■ 147.2600, 2.3368,
-2.8590

■ 88.4150, -32.7426,
48.7480

■ 154.1390, 5.8475,
-8.8919

■ 82.1230, -36.5426,
54.2661

■ 160.4310, 9.6475,
-14.4100

■ 78.2760, -38.5901,
57.6399

■ 166.8370, 13.8844,
-20.0280

■ 173.7160, 17.3950,

-26.0609

■ 180.1220, 21.6319,
-31.6790

Harmonies

Analogous

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



122.2760, -8.5171, 25.1909



121.2770, -13.4476, 19.9281



119.8690, -14.7254, 9.7619

Triad

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



121.2770, -13.4476, 19.9281



114.1490, 3.8705, -28.1947



122.1110, 11.7773, 2.5337

Complementary

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



121.2770, -13.4476, 19.9281



116.7230, 13.4476, -19.9281

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.



119.9240, 15.3205, -13.9653



121.2770, -13.4476, 19.9281



114.3640, 11.1595, -32.7682

Square

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



121.2770, -13.4476, 19.9281



116.2230, -5.0399, -16.8586



116.4340, 15.0690, -26.6906



123.5920, 5.6241, 16.1438

Rectangle

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



121.2770, -13.4476, 19.9281



118.5690, -13.0985, 1.2550



116.4340, 15.0690, -26.6906



121.5340, 13.5407, -3.0993

Sweetspot

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



121.2770, -13.4476, 19.9281



177.4910, -4.6791, 7.4624



112.2560, 5.2968, 27.8395



89.2240, -3.0684, 4.1886



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.2770, -13.4476, 19.9281



150.6930, -21.0476, 30.9642



135.9520, -20.6823, 7.0581



67.8540, -1.9000, 2.7590



73.8240, -36.3952, 53.6514



4.1530, -2.0474, 3.3738

Inverse Universe

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



116.7230, 13.4476, -19.9281



143.3070, 21.0476, -30.9642



102.0480, 20.6823, -7.0581



67.1460, 1.9000, -2.7590



61.1760, 36.3952, -53.6514



3.2600, 2.3368, -2.8590

Previews

White Background



This preview shows how the YUV color 121.2770, -13.4476, 19.9281 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 121.2770, -13.4476, 19.9281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

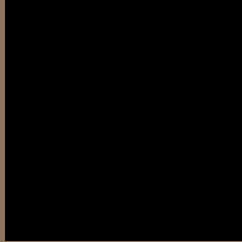
Any Text WCAG AA ✓ Pass

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 121.2770, -13.4476, 19.9281 Background



This preview shows how black text looks on a background with the YUV color 121.2770, -13.4476, 19.9281.



This preview shows how white text looks on a background with the YUV color 121.2770, -13.4476, 19.9281.

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

121.2770, -13.4476, 19.9281

Protanopia

120.3570, -11.5150, 6.7029

Deuteranopia

121.2660, -13.4421, 18.1837



Tritanopia

122.7900, -1.3755, 21.2322

Trichromacy



Original Color

121.2770, -13.4476, 19.9281

Protanomaly

120.8630, -12.2575, 11.5211

Deuteranomaly

121.5650, -13.5895, 18.7985

Tritanomaly

122.0520, -5.4486, 21.0024

Monochromacy



Original Color

121.2770, -13.4476, 19.9281

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0780, -4.9685, 6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2770, -13.4476, 19.9281 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(144, 115, 94)` looks like.

```
.text, #text, p{  
    color:rgb(144, 115, 94)  
}
```

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(144, 115, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 115, 94) }
```

Border

The CSS property to change the border of an element to YUV 121.2770, -13.4476, 19.9281 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(144, 115, 94) }
```


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

```
.border{ border-color:rgb(144, 115, 94) }
```

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

Here you see how a box with a 4 pixel rgb(144, 115, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 115, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 115, 94);  
box-shadow:4px 4px 4px 4px rgb(144, 115,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 121.2770, -13.4476, 19.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 115, 94) }
```

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

```
.background{ background-color: rgb(144,  
115, 94) }
```

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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