

Converting Colors

YUV(121.5210, -13.5679,
11.8211)

Have a look what the booklet for
YUV(121.5210, -13.5679, 11.8211)
contains.

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Color

**YUV(121.5210, -13.5679,
11.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	87785E
RGB	135, 120, 94
RGB Percent	53%, 47%, 37%
CMY	0.4706, 0.5294, 0.6314
CMYK	0.00, 0.11, 0.30, 0.47
HSL	38°, 18%, 45%
HSV	38°, 30%, 53%
XYZ	18.7285, 19.3920, 13.3456
YIQ	121.5210, 17.2860, -4.9060

Conversions

Conversions Part 2

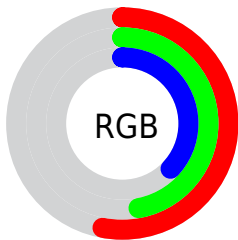
Format	Color
R_{YB}	118, 135, 94
Decimal	8878174
CIE Lab	51.14, 1.55, 16.42
CIE LCh	51, 16.489, 84.619
Yxy	19.3920, 0.3639, 0.3768
Android (android.graphics.Color)	4287068254 (0xFF87785E)
YUV	121.5210, -13.5679, 11.8211
Hunter-Lab	44.0363, -1.1481, 12.8571

Details

The YUV color **121.5210, -13.5679, 11.8211** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **107.4790, 13.5679, -11.8211**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0050, -14.2995, 13.1506**, and **73.1510, -12.3994, 10.3916** is the 20% darker color. If you saturate the color by 10%, you get **117.1040, -17.7993, 15.6948**, and if you desaturate by 10%, it is **126.0520, -8.8996, 7.8474**.

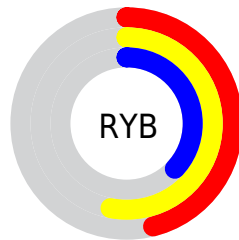
Distribution



Red (53%)

Green (47%)

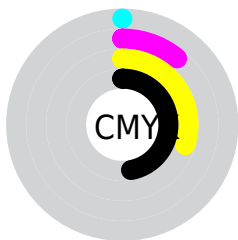
Blue (37%)



Red (46%)

Yellow (53%)

Blue (37%)

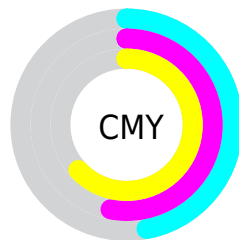


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5210, -13.5679, 11.8211 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 121.5210, -13.5679, 11.8211 by changing the saturation by 10% instead.

■ 121.5210,
-13.5679, 11.8211

■ 121.5210,
-13.5679, 11.8211

■ 255.0000, 0.0000,
0.0000

■ 96.3360, -12.9836,
11.1063

■ 174.0050,
-14.2995, 13.1506

■ 73.1510, -12.3994,
10.3916

■ 201.1900,
-14.8837, 13.8654

■ 49.9660, -11.8152,
9.6768

■ 229.6630,
-15.6099, 13.4505

■ 28.2110, -13.4150,
9.4620

■ 251.6940,
-12.6671, 2.8994

■ 4.7510, -2.3422,
4.6034

■ 0.0000, 0.0000,
0.0000

■ 121.5210,
-13.5679, 11.8211

■ 121.5210,
-13.5679, 11.8211

■ 117.1040,
-17.7993, 15.6948

■ 126.0520, -8.8996,
7.8474

■ 112.5730,
-22.4675, 19.6685

■ 130.4690, -4.6682,
3.9737

■ 108.1560,
-26.6989, 23.5422

■ 135.0000, 0.0000,
0.0000

■ 103.6250,
-31.3671, 27.5159

■ 139.4170, 4.2314,
-3.8737

■ 99.2080, -35.5985,
31.3896

■ 143.9480, 8.8996,
-7.8474

■ 94.6770, -40.2668,
35.3633

■ 148.3650, 13.1311,
-11.7211

■ 90.8470, -44.7876,
38.7222

■ 152.8960, 17.7993,
-15.6948

■ 157.3130, 22.0307,

-19.5685

■ 161.2570, 26.9883,
-23.0274

Harmonies

Analogous

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



122.4450, -11.5584, 20.6577



121.5210, -13.5679, 11.8211



120.1990, -11.9301, -0.1745

Triad

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



121.5210, -13.5679, 11.8211



116.2890, 8.2385, -29.1945



124.4990, 6.6560, 11.8404

Complementary

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



121.5210, -13.5679, 11.8211



107.4790, 13.5679, -11.8211

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.



122.7900, 11.9355, -1.5698



121.5210, -13.5679, 11.8211



117.5650, 13.0325, -26.8055

Square

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



121.5210, -13.5679, 11.8211



116.7860, 1.0915, -23.4913



120.3860, 14.5997, -16.1245



124.2460, 0.3717, 20.8323

Rectangle

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



121.5210, -13.5679, 11.8211



118.6540, -8.7034, -8.4666



120.3860, 14.5997, -16.1245



124.0470, 8.8508, 7.8518

Sweetspot

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



121.5210, -13.5679, 11.8211



170.6540, -5.2524, 4.6884



107.9690, 0.5083, 23.7062



86.0990, -3.4998, 2.5442



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.



121.5210, -13.5679, 11.8211



155.3170, -20.8623, 18.1390



128.8310, -17.1717, 1.0252



64.1420, -2.0420, 1.6295



87.0040, -42.8930, 37.7075



2.0710, -1.0210, 0.8147

Inverse Universe

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



107.4790, 13.5679, -11.8211



133.6830, 20.8623, -18.1390



100.1690, 17.1717, -1.0252



61.8580, 2.0420, -1.6295



42.9960, 42.8930, -37.7075



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 121.5210, -13.5679, 11.8211 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 121.5210, -13.5679, 11.8211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

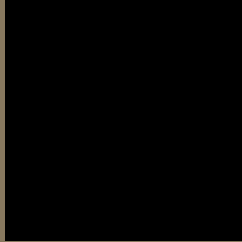
Any Text WCAG AA ✓ Pass

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 121.5210, -13.5679, 11.8211 Background



This preview shows how black text looks on a background with the YUV color 121.5210, -13.5679, 11.8211.

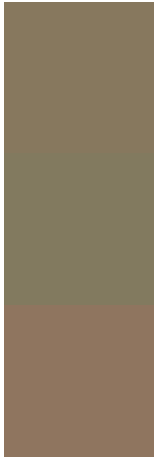


This preview shows how white text looks on a background with the YUV color 121.5210, -13.5679, 11.8211.

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

121.5210, -13.5679, 11.8211

Protanopia

121.3140, -12.9728, 7.6176

Deuteranopia

122.2660, -13.4421, 18.1837



Tritanopia

123.9030, 0.5408, 13.2401

Trichromacy



Original Color

121.5210, -13.5679, 11.8211

Protanomaly

121.3250, -12.9782, 9.3620

Deuteranomaly

121.9560, -13.2893, 15.8246

Tritanomaly

122.9370, -4.4059, 13.2103

Monochromacy



Original Color

121.5210, -13.5679, 11.8211

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7680, -4.8156, 4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5210, -13.5679, 11.8211 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(135, 120, 94)` looks like.

```
.text, #text, p{  
    color:rgb(135, 120, 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(135, 120, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 120, 94) }
```

Border

The CSS property to change the border of an element to YUV 121.5210, -13.5679, 11.8211 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(135, 120, 94) }
```


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

```
.border{ border-color:rgb(135, 120, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 120, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 120, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 120, 94);  
box-shadow:4px 4px 4px 4px rgb(135, 120,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 121.5210, -13.5679, 11.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 120, 94) }
```

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

```
.background{ background-color: rgb(135,  
120, 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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