

Converting Colors

YUV(111.8710, -21.1354,
12.3911)

Have a look what the booklet for
YUV(111.8710, -21.1354, 12.3911)
contains.

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Color

**YUV(111.8710, -21.1354,
12.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7145
RGB	126, 113, 69
RGB Percent	49%, 44%, 27%
CMY	0.5059, 0.5569, 0.7294
CMYK	0.00, 0.10, 0.45, 0.51
HSL	46°, 29%, 38%
HSV	46°, 45%, 49%
XYZ	15.5835, 16.6755, 8.0276
YIQ	111.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

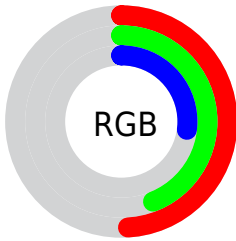
Format	Color
R_{YB}	86, 126, 69
Decimal	8286533
CIE Lab	47.85, -1.55, 26.22
CIE LCh	48, 26.266, 93.381
Yxy	16.6755, 0.3868, 0.4139
Android (android.graphics.Color)	4286476613 (0xFF7E7145)
YUV	111.8710, -21.1354, 12.3911
Hunter-Lab	40.8357, -3.3443, 16.9296

Details

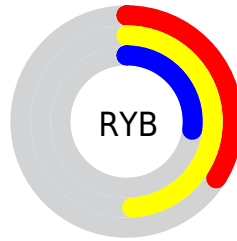
The YUV color **111.8710, -21.1354, 12.3911** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **83.1290, 21.1354, -12.3911**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1270, -22.7406, 13.9206**, and **63.3160, -19.3828, 10.2469** is the 20% darker color. If you saturate the color by 10%, you get **108.6280, -25.9456, 15.2352**, and if you desaturate by 10%, it is **115.1140, -16.3252, 9.5470**.

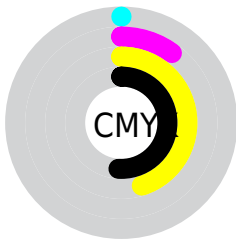
Distribution



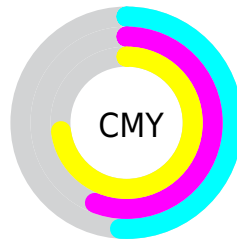
- Red (49%)
- Green (44%)
- Blue (27%)



- Red (34%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8710, -21.1354, 12.3911 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 111.8710, -21.1354, 12.3911 by changing the saturation by 10% instead.

■ 111.8710,
-21.1354, 12.3911

■ 111.8710,
-21.1354, 12.3911

■ 255.0000, 0.0000,
0.0000

■ 87.3870, -20.4038,
11.0616

■ 164.1270,
-22.7406, 13.9206

■ 63.3160, -19.3828,
10.2469

■ 191.3120,
-23.3248, 14.6354

■ 40.7890, -20.1090,
9.8320

■ 219.1980,
-23.7616, 14.7354

■ 22.1720, -10.9308,
5.9882

■ 244.3930,
-22.8717, 9.3023

■ 0.0000, 0.0000,
0.0000

■ 251.6940,
-12.6671, 2.8994

■ 111.8710,
-21.1354, 12.3911

■ 111.8710,
-21.1354, 12.3911

■ 108.6280,
-25.9456, 15.2352

■ 115.1140,
-16.3252, 9.5470

■ 105.4990,
-30.3190, 17.9794

■ 118.2430,
-11.9518, 6.8029

■ 102.2560,
-35.1292, 20.8235

■ 121.4860, -7.1416,
3.9588

■ 99.7140, -39.7920,
23.0528

■ 124.0280, -2.4788,
1.7294

■ 96.4710, -44.6022,
25.8969

■ 127.2710, 2.3314,
-1.1147

■ 94.6130, -46.6442,
27.5264

■ 130.5140, 7.1416,
-3.9588

■ 133.6430, 11.5150,
-6.7029

■ 136.8860, 16.3252,

-9.5470

■ 140.0150, 20.6986,
-12.2912

Harmonies

Analogous

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



113.5400, -19.0002, 27.5904



111.8710, -21.1354, 12.3911



109.0150, -16.2764, -6.1522

Triad

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



111.8710, -21.1354, 12.3911



97.9630, 19.2452, -59.6036



117.0320, 8.3652, 23.6509

Complementary

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



111.8710, -21.1354, 12.3911



83.1290, 21.1354, -12.3911

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.



115.9030, 17.3028, 3.5931



111.8710, -21.1354, 12.3911



103.4190, 24.4434, -46.8485

Square

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



111.8710, -21.1354, 12.3911



101.4240, 6.6930, -46.8528



111.1170, 22.6203, -22.0276



115.7640, -1.8557, 35.2870

Rectangle

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



111.8710, -21.1354, 12.3911



107.4200, -10.5601, -19.6623



111.1170, 22.6203, -22.0276



116.7970, 11.4391, 17.7180

Sweetspot

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



111.8710, -21.1354, 12.3911



157.4430, -8.5994, 4.8735



87.5250, -2.7238, 33.7426



78.0560, -4.9576, 3.4589



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



111.8710, -21.1354, 12.3911



141.2280, -32.6504, 19.0940



115.0170, -22.6864, -3.5229



62.0280, -2.4788, 1.7294



95.7980, -47.2284, 28.2412



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.1290, 21.1354, -12.3911



96.7720, 32.6504, -19.0940



79.9830, 22.6864, 3.5229



58.9720, 2.4788, -1.7294



31.6150, 47.5178, -27.7264



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.8710, -21.1354, 12.3911 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 111.8710, -21.1354, 12.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

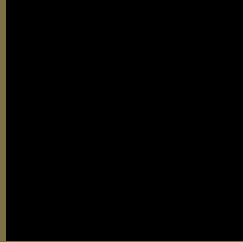
Any Text WCAG AA × Fail

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 111.8710, -21.1354, 12.3911 Background



This preview shows how black text looks on a background with the YUV color 111.8710, -21.1354, 12.3911.



This preview shows how white text looks on a background with the YUV color 111.8710, -21.1354, 12.3911.

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

111.8710, -21.1354, 12.3911

Protanopia

111.8600, -21.1300, 10.6468

Deuteranopia

112.9260, -21.1625, 21.1129



Tritanopia

115.2020, 0.3934, 13.8548

Trichromacy



Original Color

111.8710, -21.1354, 12.3911

Protanomaly

112.1590, -21.2774, 11.2616

Deuteranomaly

112.3170, -20.8623, 18.1390

Tritanomaly

113.8400, -7.3161, 13.2953

Monochromacy



Original Color

111.8710, -21.1354, 12.3911

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6710, -7.7258, 4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8710, -21.1354, 12.3911 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(126, 113, 69)` looks like.

```
.text, #text, p{  
    color:rgb(126, 113, 69)  
}
```

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(126, 113, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 113, 69) }
```

Border

The CSS property to change the border of an element to YUV 111.8710, -21.1354, 12.3911 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(126, 113, 69) }
```


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

```
.border{ border-color:rgb(126, 113, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 113, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 113, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 113, 69);  
box-shadow:4px 4px 4px 4px rgb(126, 113,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 111.8710, -21.1354, 12.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 113, 69) }
```

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

```
.background{ background-color: rgb(126,  
113, 69) }
```

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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