

Converting Colors

YUV(226.7730, -19.1151,
17.7391)

Have a look what the booklet for
YUV(226.7730, -19.1151, 17.7391)
contains.

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Color

**YUV(226.7730, -19.1151,
17.7391)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E0BC
RGB	247, 224, 188
RGB Percent	97%, 88%, 74%
CMY	0.0314, 0.1216, 0.2627
CMYK	0.00, 0.09, 0.24, 0.03
HSL	37°, 79%, 85%
HSV	37°, 24%, 97%
XYZ	74.0905, 76.7163, 58.4797
YIQ	226.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

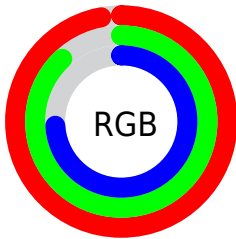
Format	Color
R _Y B	226, 247, 188
Decimal	16244924
CIE Lab	90.19, 2.44, 20.52
CIE LCh	90, 20.661, 83.208
Yxy	76.7163, 0.3540, 0.3666
Android (android.graphics.Color)	4294435004 (0xFFFF7E0BC)
YUV	226.7730, -19.1151, 17.7391
Hunter-Lab	87.5878, -2.2856, 21.7254

Details

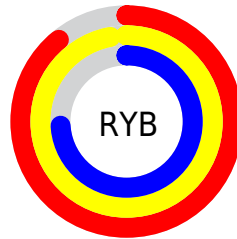
The YUV color **226.7730, -19.1151, 17.7391** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **208.2270, 19.1151, -17.7391**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.7460, -4.8048, 1.0998**, and **171.4030, -17.9467, 16.3096** is the 20% darker color. If you saturate the color by 10%, you get **218.0530, -27.1411, 25.3865**, and if you desaturate by 10%, it is **235.4930, -11.0890, 10.0916**.

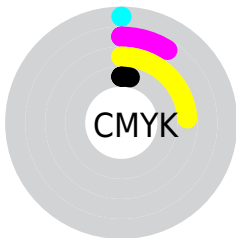
Distribution



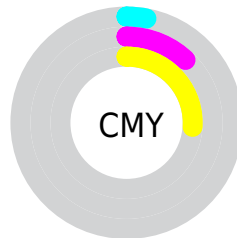
- Red (97%)
- Green (88%)
- Blue (74%)



- Red (89%)
- Yellow (97%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7730, -19.1151, 17.7391 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 226.7730, -19.1151, 17.7391 by changing the saturation by 10% instead.

226.7730,
-19.1151, 17.7391

226.7730,
-19.1151, 17.7391

255.0000, 0.0000,
0.0000

198.5880,
-18.5309, 17.0243

253.7460, -4.8048,
1.0998

171.4030,
-17.9467, 16.3096

144.5170,
-17.5099, 16.2096

119.0330,
-16.7783, 14.8801

93.8480, -16.1941,
14.1653

70.3640, -15.4625,
12.8358

47.8800, -14.7308,

11.5062

■ 26.9230, -13.2730,
10.5915

■ 2.0930, -1.0318,
4.3034

■ 226.7730,
-19.1151, 17.7391

■ 226.7730,
-19.1151, 17.7391

■ 218.0530,
-27.1411, 25.3865

■ 235.4930,
-11.0890, 10.0916

■ 210.0340,
-35.0198, 32.4192

■ 243.5120, -3.2104,
3.0590

■ 201.3140,
-43.0458, 40.0666

■ 251.4340, 1.7580,
-3.8886

■ 192.5940,
-51.0718, 47.7141

■ 252.6080, 1.1793,
-4.9182

■ 184.5750,
-58.9505, 54.7467

■ 175.8550,
-66.9765, 62.3942

■ 167.7220,
-75.2919, 69.5268

■ 162.4900,
-80.1076, 74.1153

Harmonies

Analogous

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



226.5550, -15.0636, 24.9463



226.7730, -19.1151, 17.7391



224.2440, -16.8823, 1.5400

Triad

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



226.7730, -19.1151, 17.7391



219.6190, 11.0338, -39.1309



230.1450, 10.2815, 15.6588

Complementary

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



226.7730, -19.1151, 17.7391



208.2270, 19.1151, -17.7391

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.



227.2460, 13.6827, -1.9697



226.7730, -19.1151, 17.7391



220.8350, 16.8433, -35.8123

Square

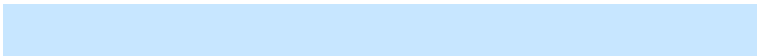
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.7730, -19.1151, 17.7391



220.0300, 0.9712, -31.5983



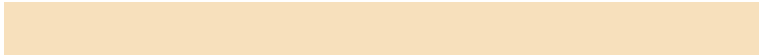
223.5810, 15.4896, -21.5575



228.3110, 1.8187, 23.4063

Rectangle

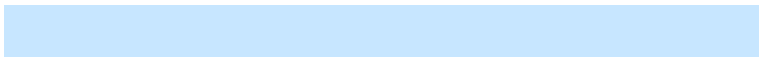
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.7730, -19.1151, 17.7391



223.0190, -12.3344, -10.5407



223.5810, 15.4896, -21.5575



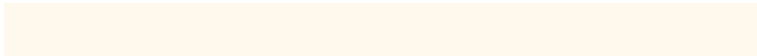
229.6820, 12.4818, 9.9259

Sweetspot

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



226.7730, -19.1151, 17.7391



248.8390, -5.8366, 5.4032



208.3770, 1.7861, 33.8724



124.3980, -3.6472, 3.1590



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



226.7730, -19.1151, 17.7391



229.5410, -23.9307, 22.3275



238.4800, -24.8866, 2.2100



118.2840, -4.0840, 3.2589



122.5320, -60.4083, 55.6614



38.7730, -19.1151, 17.7391

Inverse Universe

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



208.2270, 19.1151, -17.7391



206.4590, 23.9307, -22.3275



196.5200, 24.8866, -2.2100



114.3030, 3.7946, -3.7737



64.0550, 60.1189, -56.1762



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 226.7730, -19.1151, 17.7391 looks on a white background.

Color Contrast Check

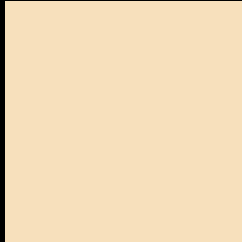
Large Text (above 18pt) WCAG AA × Fail

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 226.7730, -19.1151, 17.7391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

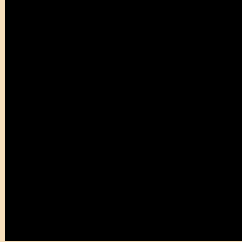
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.7730, -19.1151, 17.7391 Background



This preview shows how black text looks on a background with the YUV color 226.7730, -19.1151, 17.7391.



This preview shows how white text looks on a background with the YUV color 226.7730, -19.1151, 17.7391.

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

226.7730, -19.1151, 17.7391

Protanopia

225.9680, -18.2252, 12.3061

Deuteranopia

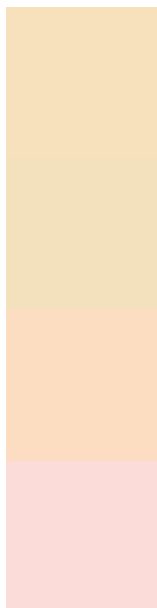
227.9570, -14.7688, 23.7167



Tritanopia

229.7020, 2.1189, 20.4323

Trichromacy



Original Color

226.7730, -19.1151, 17.7391

Protanomaly

226.2780, -18.3781, 14.6652

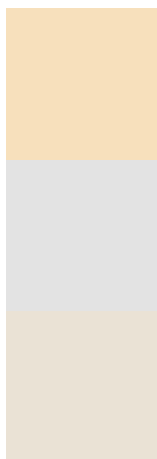
Deuteranomaly

227.1910, -16.3632, 21.7575

Tritanomaly

228.9270, -5.8800, 19.3580

Monochromacy



Original Color

226.7730, -19.1151, 17.7391

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7730, -19.1151, 17.7391 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(247, 224, 188)` looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 188)  
}
```

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(247, 224, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 188) }
```

Border

The CSS property to change the border of an element to YUV 226.7730, -19.1151, 17.7391 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(247, 224, 188) }
```


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

```
.border{ border-color:rgb(247, 224, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 224, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 188);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 226.7730, -19.1151, 17.7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 188) }
```

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

```
.background{ background-color: rgb(247,  
224, 188) }
```

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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