

Converting Colors

YUV(226.5620, -22.4621,
17.9241)

Have a look what the booklet for
YUV(226.5620, -22.4621, 17.9241)
contains.

YUV(226.5620, -22.4621, 17.9241)	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(226.5620, -22.4621,
17.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E1B5
RGB	247, 225, 181
RGB Percent	97%, 88%, 71%
CMY	0.0314, 0.1176, 0.2902
CMYK	0.00, 0.09, 0.27, 0.03
HSL	40°, 80%, 84%
HSV	40°, 27%, 97%
XYZ	73.6235, 76.9608, 54.6906
YIQ	226.5620, 27.2360, -9.0200

Conversions

Conversions Part 2

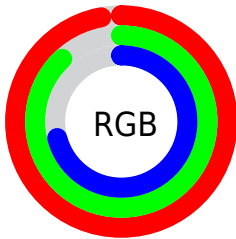
Format	Color
R _Y B	214, 247, 181
Decimal	16245173
CIE Lab	90.30, 0.99, 24.30
CIE LCh	90, 24.320, 87.670
Yxy	76.9608, 0.3587, 0.3749
Android (android.graphics.Color)	4294435253 (0xFFF7E1B5)
YUV	226.5620, -22.4621, 17.9241
Hunter-Lab	87.7273, -3.7200, 24.4468

Details

The YUV color $226.5620, -22.4621, 17.9241$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $201.4380, 22.4621, -17.9241$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9480, -7.8624, 1.7996$, and $171.1920, -21.2937, 16.4946$ is the 20% darker color. If you saturate the color by 10%, you get $219.0160, -31.0669, 24.5420$, and if you desaturate by 10%, it is $234.1080, -13.8572, 11.3063$.

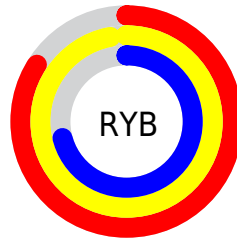
Distribution



Red (97%)

Green (88%)

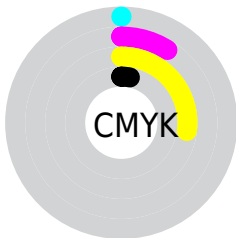
Blue (71%)



Red (84%)

Yellow (97%)

Blue (71%)

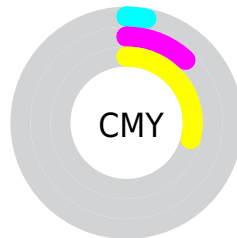


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (3%)



Cyan (3%)

Magenta (12%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.5620, -22.4621, 17.9241 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 226.5620, -22.4621, 17.9241 by changing the saturation by 10% instead.

■ 226.5620,
-22.4621, 17.9241

■ 226.5620,
-22.4621, 17.9241

255.0000, 0.0000,
0.0000

■ 198.3770,
-21.8779, 17.2094

■ 252.9480, -7.8624,
1.7996

■ 171.1920,
-21.2937, 16.4946

■ 144.1210,
-20.2727, 15.6799

■ 118.8220,
-20.1252, 15.0651

■ 93.7510, -19.1042,
14.2504

■ 69.9680, -18.2252,
12.3061

■ 47.3700, -17.9304,

11.0765

■ 26.9120, -13.2676,
8.8472

■ 1.1960, -0.5896,
2.4591

■ 226.5620,
-22.4621, 17.9241

■ 226.5620,
-22.4621, 17.9241

■ 219.0160,
-31.0669, 24.5420

■ 234.1080,
-13.8572, 11.3063

■ 211.5840,
-39.2349, 31.0598

■ 241.5400, -5.6892,
4.7884

■ 203.4510,
-47.5503, 38.1925

■ 249.6730, 2.6262,
-2.3442

■ 195.9050,
-56.1552, 44.8103

■ 252.6080, 1.1793,
-4.9182

■ 188.4730,
-64.3232, 51.3282

■ 180.9270,
-72.9280, 57.9460

■ 172.7940,
-81.2434, 65.0787

■ 170.7080,
-84.1590, 66.9081

Harmonies

Analogous

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



225.1700, -17.8318, 26.1609



226.5620, -22.4621, 17.9241



223.7660, -18.6186, -1.5488

Triad

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



226.5620, -22.4621, 17.9241



217.8890, 14.8447, -48.1377



231.1780, 10.2652, 20.8919

Complementary

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



226.5620, -22.4621, 17.9241



201.4380, 22.4621, -17.9241

Split Complementary

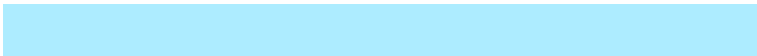
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.8550, 13.3825, 1.0042



226.5620, -22.4621, 17.9241



219.3290, 17.5858, -40.6305

Square

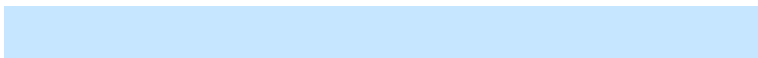
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.5620, -22.4621, 17.9241



218.7300, 2.5981, -40.1052



223.2820, 15.6370, -22.1723



226.3220, 1.8133, 25.1506

Rectangle

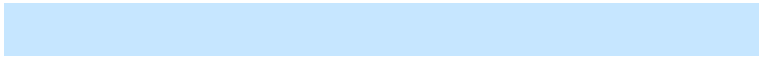
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.5620, -22.4621, 17.9241



221.7580, -13.1917, -15.5738



223.2820, 15.6370, -22.1723



230.6010, 12.0287, 15.2589

Sweetspot

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



226.5620, -22.4621, 17.9241



248.6110, -6.7102, 5.6032



203.2420, -0.1193, 38.3758



123.5830, -4.2314, 3.8737



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.



226.5620, -22.4621, 17.9241



229.8030, -28.0039, 22.0978



236.1870, -27.2072, -0.1640



118.2840, -4.0840, 3.2589



128.4020, -63.3022, 50.5134



40.5340, -19.9833, 16.1947

Inverse Universe

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



201.4380, 22.4621, -17.9241



198.7840, 27.7145, -22.6126



191.8130, 27.2072, 0.1640



113.7160, 4.0840, -3.2589



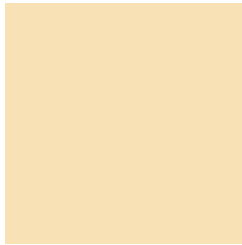
57.5980, 63.3022, -50.5134



18.4660, 19.9833, -16.1947

Previews

White Background



This preview shows how the YUV color 226.5620, -22.4621, 17.9241 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 226.5620, -22.4621, 17.9241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

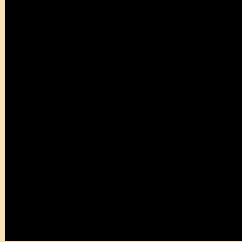
Any Text WCAG AA ✓ Pass

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 226.5620, -22.4621, 17.9241 Background



This preview shows how black text looks on a background with the YUV color 226.5620, -22.4621, 17.9241.

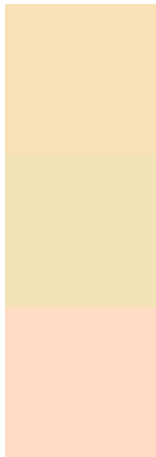


This preview shows how white text looks on a background with the YUV color 226.5620, -22.4621, 17.9241.

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

226.5620, -22.4621, 17.9241

Protanopia

226.0560, -21.7196, 13.1059

Deuteranopia

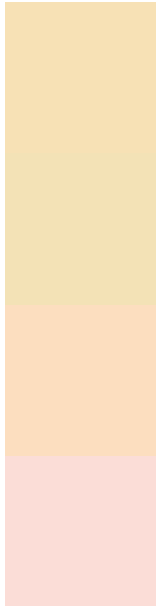
228.3160, -15.9318, 23.4019



Tritanopia

230.4030, 2.2663, 19.8176

Trichromacy



Original Color

226.5620, -22.4621, 17.9241

Protanomaly

226.0670, -21.7250, 14.8502

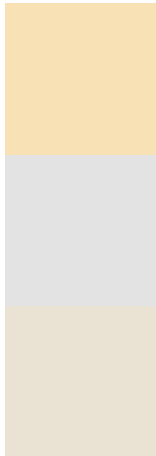
Deuteranomaly

227.4360, -17.9629, 21.5426

Tritanomaly

229.2860, -7.0430, 19.0432

Monochromacy



Original Color

226.5620, -22.4621, 17.9241

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.5680, -8.1680, 6.5179

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.5620, -22.4621, 17.9241 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, 225, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 181)  
}
```

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, 225, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 181) }
```

Border

The CSS property to change the border of an element to YUV 226.5620, -22.4621, 17.9241 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, 225, 181) }
```


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

```
.border{ border-color:rgb(247, 225, 181) }
```

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

Here you see how a box with a 4 pixel rgb(247, 225, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 181);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 226.5620, -22.4621, 17.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 181) }
```

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

```
.background{ background-color: rgb(247,  
225, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor