

Converting Colors

YUV(226.7380, -12.6888,
9.8768)

Have a look what the booklet for
YUV(226.7380, -12.6888, 9.8768)
contains.

YUV(226.7380, -12.6888, 9.8768)	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(226.7380, -12.6888,
9.8768)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE2C9
RGB	238, 226, 201
RGB Percent	93%, 89%, 79%
CMY	0.0667, 0.1137, 0.2118
CMYK	0.00, 0.05, 0.16, 0.07
HSL	41°, 52%, 86%
HSV	41°, 16%, 93%
XYZ	72.9989, 76.7869, 66.2322
YIQ	226.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

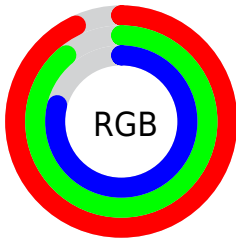
Format	Color
R _Y B	219, 238, 201
Decimal	15655625
CIE Lab	90.22, 0.03, 13.68
CIE LCh	90, 13.684, 89.867
Yxy	76.7869, 0.3379, 0.3555
Android (android.graphics.Color)	4293845705 (0xFFEEE2C9)
YUV	226.7380, -12.6888, 9.8768
Hunter-Lab	87.6281, -4.6493, 16.5264

Details

The YUV color $226.7380, -12.6888, 9.8768$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $212.2620, 12.6888, -9.8768$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.5530, -12.1046, 9.1620$ is the 20% darker color. If you saturate the color by 10%, you get $219.3060, -20.8569, 16.3946$, and if you desaturate by 10%, it is $234.1700, -4.5208, 3.3589$.

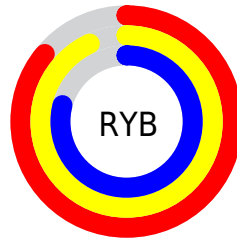
Distribution



Red (93%)

Green (89%)

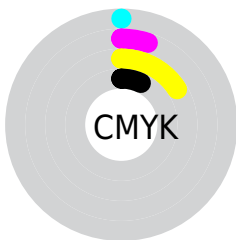
Blue (79%)



Red (86%)

Yellow (93%)

Blue (79%)

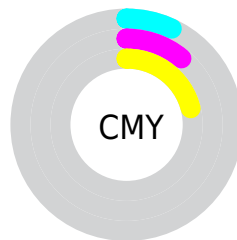


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7380, -12.6888, 9.8768 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 226.7380, -12.6888, 9.8768 by changing the saturation by 10% instead.

■ 226.7380,
-12.6888, 9.8768

■ 226.7380,
-12.6888, 9.8768

255.0000, 0.0000,
0.0000

■ 198.8520,
-12.2520, 9.7768

■ 171.5530,
-12.1046, 9.1620

■ 144.6670,
-11.6678, 9.0620

■ 119.3680,
-11.5204, 8.4473

■ 94.2970, -10.4994,
7.6325

■ 70.4110, -10.0626,
7.5326

■ 48.2260, -9.4784,

6.8178

■ 26.7700, -11.2256,
7.2177

■ 0.8860, -0.4368,
0.1000

■ 226.7380,
-12.6888, 9.8768

■ 226.7380,
-12.6888, 9.8768

■ 219.3060,
-20.8569, 16.3946

■ 234.1700, -4.5208,
3.3589

■ 212.4610,
-29.3143, 22.3977

■ 241.0150, 3.9366,
-2.6442

■ 205.1430,
-37.0455, 28.8156

■ 246.3950, 4.2423,
-7.3624

■ 197.7110,
-45.2135, 35.3335

■ 249.9170, 2.5059,
-10.4512

■ 190.2790,
-53.3815, 41.8513

■ 183.4340,
-61.8390, 47.8544

■ 176.0020,
-70.0070, 54.3722

■ 168.6840,
-77.7382, 60.7901

■ 165.6690,
-81.6748, 63.4343

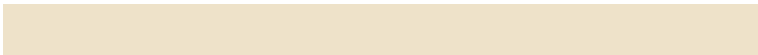
Harmonies

Analogous

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



228.4340, -11.5530, 18.9134



226.7380, -12.6888, 9.8768



224.9430, -10.3249, -1.7040

Triad

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



226.7380, -12.6888, 9.8768



222.6100, 8.0803, -25.0910



229.4560, 5.1982, 12.7551

Complementary

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



226.7380, -12.6888, 9.8768



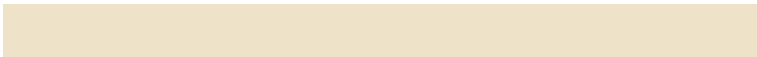
212.2620, 12.6888, -9.8768

Split Complementary

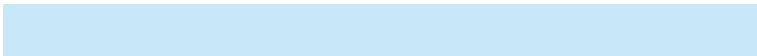
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.7580, 10.4723, 1.0892



226.7380, -12.6888, 9.8768



224.3700, 12.1426, -21.3725

Square

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



226.7380, -12.6888, 9.8768



222.9110, 1.5229, -21.8469



226.3650, 13.1311, -11.7211



229.4910, -1.2281, 20.6174

Rectangle

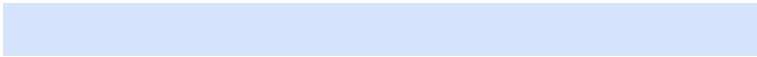
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.7380, -12.6888, 9.8768



223.8110, -6.8088, -9.4812



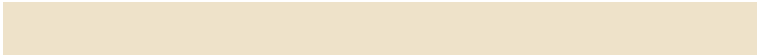
226.3650, 13.1311, -11.7211



229.3030, 7.2456, 9.3813

Sweetspot

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



226.7380, -12.6888, 9.8768



251.1700, -4.5208, 3.3589



213.4310, -0.2125, 21.5470



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000



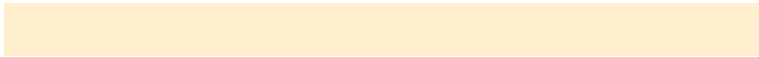
128.0000, 0.0000, 0.0000

Same Dimension

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



226.7380, -12.6888, 9.8768



240.1360, -16.3360, 13.0357



231.9880, -15.2771, 0.0105



116.2840, -4.0840, 3.2589



127.8040, -63.0074, 49.2839



39.0500, -19.2516, 14.8652

Inverse Universe

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



212.2620, 12.6888, -9.8768



221.2770, 16.6254, -12.5209



207.0120, 15.2771, -0.0105



111.7160, 4.0840, -3.2589



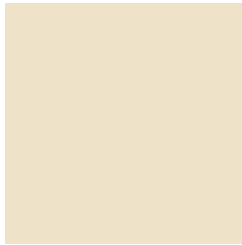
56.1960, 63.0074, -49.2839



16.9500, 19.2516, -14.8651

Previews

White Background



This preview shows how the YUV color 226.7380, -12.6888, 9.8768 looks on a white background.

Color Contrast Check

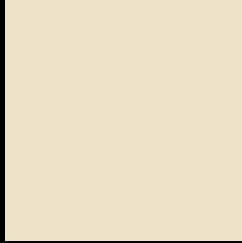
Large Text (above 18pt) WCAG AA × Fail

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 226.7380, -12.6888, 9.8768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

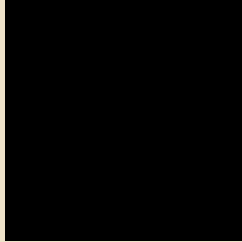
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

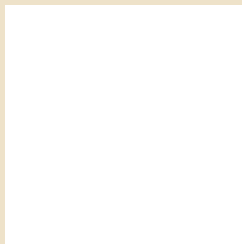
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.7380, -12.6888, 9.8768

Background



This preview shows how black text looks on a background with the YUV color 226.7380, -12.6888, 9.8768.



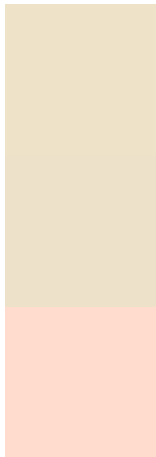
This preview shows how white text looks on a background with the YUV color 226.7380, -12.6888, 9.8768.

9.8768.

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

226.7380, -12.6888, 9.8768

Protanopia

226.4390, -12.5414, 9.2620

Deuteranopia

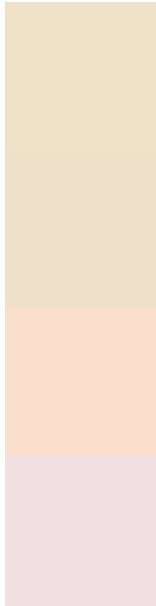
228.7550, -11.7112, 23.0169



Tritanopia

229.5160, 4.1826, 11.8255

Trichromacy



Original Color

226.7380, -12.6888, 9.8768

Protanomaly

226.4390, -12.5414, 9.2620

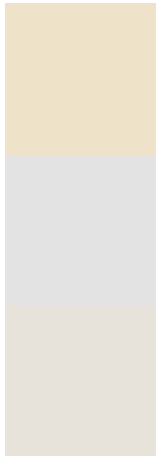
Deuteranomaly

228.0210, -11.8424, 18.3986

Tritanomaly

228.6100, -1.7797, 10.8660

Monochromacy



Original Color

226.7380, -12.6888, 9.8768

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7380, -12.6888, 9.8768 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(238, 226, 201)` looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 201)  
}
```

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(238, 226, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 201) }
```

Border

The CSS property to change the border of an element to YUV 226.7380, -12.6888, 9.8768 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(238, 226, 201) }
```


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

```
.border{ border-color:rgb(238, 226, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 226, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 226, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 226, 201);  
box-shadow:4px 4px 4px 4px rgb(238, 226,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 226.7380, -12.6888, 9.8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 201) }
```

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

```
.background{ background-color: rgb(238,  
226, 201) }
```

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