

Converting Colors

YUV(226.0250, -28.1133,
10.5021)

Have a look what the booklet for
YUV(226.0250, -28.1133, 10.5021)
contains.

YUV(226.0250, -28.1133, 10.5021)	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(226.0250, -28.1133,
10.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE7A9
RGB	238, 231, 169
RGB Percent	93%, 91%, 66%
CMY	0.0667, 0.0941, 0.3373
CMYK	0.00, 0.03, 0.29, 0.07
HSL	54°, 67%, 80%
HSV	54°, 29%, 93%
XYZ	70.9972, 78.1935, 48.8870
YIQ	226.0250, 24.0740, -17.7980

Conversions

Conversions Part 2

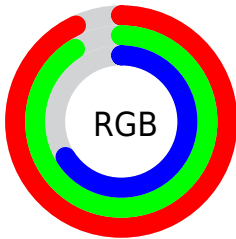
Format	Color
RYB	177, 238, 169
Decimal	15656873
CIELab	90.87, -6.97, 31.11
CIElCh	91, 31.880, 102.631
Yxy	78.1935, 0.3584, 0.3948
Android (android.graphics.Color)	4293846953 (0xFFEEE7A9)
YUV	226.0250, -28.1133, 10.5021
Hunter-Lab	88.4271, -11.4316, 29.1204

Details

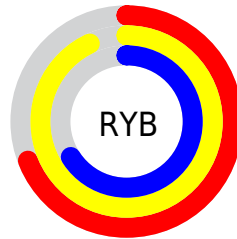
The YUV color **226.0250, -28.1133, 10.5021** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **180.9750, 28.1133, -10.5021**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.5800, -13.1039, 2.9993**, and **170.6550, -26.9449, 9.0726** is the 20% darker color. If you saturate the color by 10%, you get **222.1150, -38.0177, 13.9311**, and if you desaturate by 10%, it is **229.9350, -18.2090, 7.0730**.

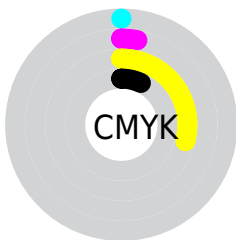
Distribution



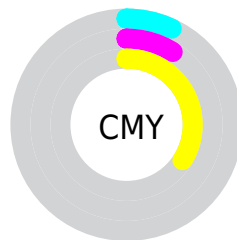
- Red (93%)
- Green (91%)
- Blue (66%)



- Red (69%)
- Yellow (93%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.0250, -28.1133, 10.5021 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 226.0250, -28.1133, 10.5021 by changing the saturation by 10% instead.

■ 226.0250,
-28.1133, 10.5021

■ 226.0250,
-28.1133, 10.5021

■ 255.0000, 0.0000,
0.0000

■ 197.8400,
-27.5291, 9.7873

■ 251.5800,
-13.1039, 2.9993

■ 170.6550,
-26.9449, 9.0726

■ 254.7720, -0.8736,
0.2000

■ 143.8830,
-26.0713, 8.8726

■ 117.8120,
-25.0503, 8.0579

■ 92.7410, -24.0293,
7.2431

■ 69.1430, -23.7345,
6.0136

■ 46.3710, -22.8609,

5.8136

■ 27.1670, -13.3933,
2.4845

■ 3.5220, -1.7363,
-3.0888

■ 226.0250,
-28.1133, 10.5021

■ 226.0250,
-28.1133, 10.5021

■ 222.1150,
-38.0177, 13.9311

■ 229.9350,
-18.2090, 7.0730

■ 217.6180,
-47.6327, 17.8750

■ 234.4320, -8.5940,
3.1291

■ 213.8220,
-57.1002, 21.2041

■ 238.2280, 0.8736,
-0.2000

■ 209.3250,
-66.7152, 25.1480

■ 241.6990, 6.5574,
-3.2440

■ 205.4150,
-76.6196, 28.5770

■ 242.8730, 5.9786,
-4.2736

■ 201.5050,
-86.5240, 32.0061

■ 244.0470, 5.3998,
-5.3032

■ 197.0080,
-96.1389, 35.9500

■ 245.8080, 4.5317,
-6.8476

■ 196.7800,
-97.0125, 36.1499

■ 246.9820, 3.9529,
-7.8772

■ 248.7430, 3.0847,
-9.4216

Harmonies

Analogous

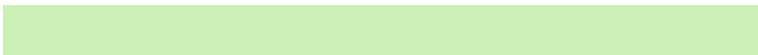
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.4660, -26.8517, 25.9013



226.0250, -28.1133, 10.5021



222.1510, -19.3014, -15.9184

Triad

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



226.0250, -28.1133, 10.5021



213.8700, 20.2771, -63.9070



227.2000, 10.2544, 24.3806

Complementary

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



226.0250, -28.1133, 10.5021



180.9750, 28.1133, -10.5021

Split Complementary

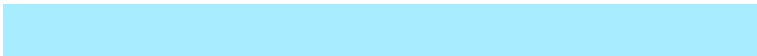
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.1990, 11.7339, 16.4885



226.0250, -28.1133, 10.5021



218.1220, 18.1809, -44.8340

Square

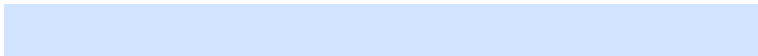
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.0250, -28.1133, 10.5021



214.6330, 12.9989, -62.8221



224.8100, 14.8837, -13.8654



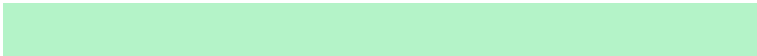
222.4920, -2.7076, 28.5095

Rectangle

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



226.0250, -28.1133, 10.5021



219.2610, -9.4957, -34.4319



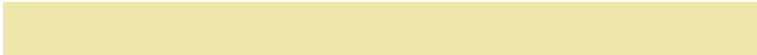
224.8100, 14.8837, -13.8654



229.1720, 12.7332, 22.6512

Sweetspot

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



226.0250, -28.1133, 10.5021



251.2040, -9.4676, 3.3291



190.5430, -6.6767, 41.6198



125.1160, -5.9732, 2.5293



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.



226.0250, -28.1133, 10.5021



239.5710, -36.2705, 13.5312



222.3600, -26.3065, -9.0857



118.0450, -4.9522, 1.7145



151.8710, -74.8724, 28.1771



46.0940, -22.7243, 8.6876

Inverse Universe

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



180.9750, 28.1133, -10.5021



181.4290, 36.2705, -13.5312



184.6400, 26.3065, 9.0857



109.9550, 4.9522, -1.7145



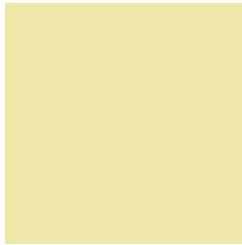
32.1290, 74.8724, -28.1771



9.9060, 22.7243, -8.6876

Previews

White Background



This preview shows how the YUV color 226.0250, -28.1133, 10.5021 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 226.0250, -28.1133, 10.5021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

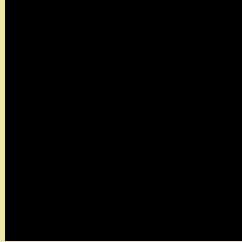
Any Text WCAG AA ✓ Pass

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 226.0250, -28.1133, 10.5021 Background



This preview shows how black text looks on a background with the YUV color 226.0250, -28.1133, 10.5021.



This preview shows how white text looks on a background with the YUV color 226.0250, -28.1133, 10.5021.

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

226.0250, -28.1133, 10.5021

Protanopia

227.1290, -29.1506, 16.5499

Deuteranopia

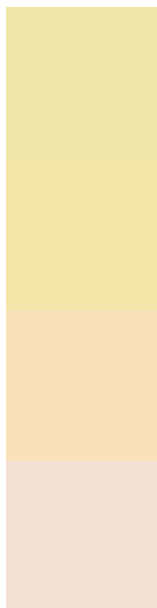
229.4900, -16.5106, 22.3723



Tritanopia

231.4130, 3.7404, 13.6698

Trichromacy



Original Color

226.0250, -28.1133, 10.5021

Protanomaly

226.8190, -28.9978, 14.1907

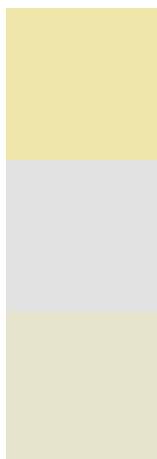
Deuteranomaly

228.3170, -20.8623, 18.1390

Tritanomaly

229.4270, -7.6055, 12.7805

Monochromacy



Original Color

226.0250, -28.1133, 10.5021

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.9760, -10.3412, 3.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.0250, -28.1133, 10.5021 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, 231, 169)` looks like.

```
.text, #text, p{  
    color:rgb(238, 231, 169)  
}
```

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, 231, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 231, 169) }
```

Border

The CSS property to change the border of an element to YUV 226.0250, -28.1133, 10.5021 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, 231, 169) }
```


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

```
.border{ border-color:rgb(238, 231, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 231, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 231, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 231, 169);  
box-shadow:4px 4px 4px 4px rgb(238, 231,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 226.0250, -28.1133, 10.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 231, 169) }
```

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

```
.background{ background-color: rgb(238,  
231, 169) }
```

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