

Converting Colors

YUV(226.0130, -6.4154, 4.3736)

Have a look what the booklet for
YUV(226.0130, -6.4154, 4.3736)
contains.

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Color

**YUV(226.0130, -6.4154,
4.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E2D5
RGB	231, 226, 213
RGB Percent	91%, 89%, 84%
CMY	0.0941, 0.1137, 0.1647
CMYK	0.00, 0.02, 0.08, 0.09
HSL	43°, 27%, 87%
HSV	43°, 8%, 91%
XYZ	72.1616, 76.1857, 73.8528
YIQ	226.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

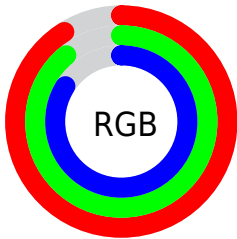
Format	Color
RYB	220, 231, 213
Decimal	15196885
CIELab	89.95, -0.53, 6.94
CIELCh	90, 6.960, 94.347
Yxy	76.1857, 0.3248, 0.3429
Android (android.graphics.Color)	4293386965 (0xFFE7E2D5)
YUV	226.0130, -6.4154, 4.3736
Hunter-Lab	87.2844, -5.1746, 10.9329

Details

The YUV color $226.0130, -6.4154, 4.3736$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.9870, 6.4154, -4.3736$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.7140, -6.2680, 3.7588$ is the 20% darker color. If you saturate the color by 10%, you get $219.8690, -14.7254, 9.7619$, and if you desaturate by 10%, it is $232.1570, 1.8946, -1.0147$.

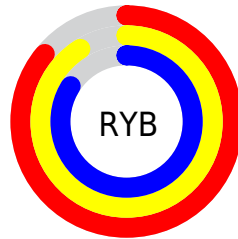
Distribution



Red (91%)

Green (89%)

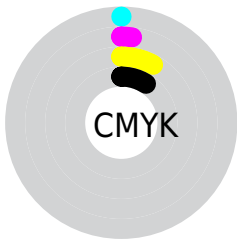
Blue (84%)



Red (86%)

Yellow (91%)

Blue (84%)

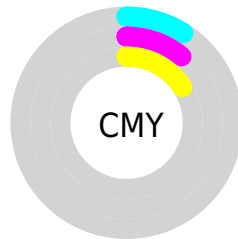


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.0130, -6.4154, 4.3736 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 226.0130, -6.4154, 4.3736 by changing the saturation by 10% instead.

■ 226.0130, -6.4154,
4.3736

■ 226.0130, -6.4154,
4.3736

255.0000, 0.0000,
0.0000

■ 198.0130, -6.4154,
4.3736

■ 170.7140, -6.2680,
3.7588

■ 144.1270, -5.9786,
4.2736

■ 118.8280, -5.8312,
3.6588

■ 93.9420, -5.3944,
3.5589

■ 70.0560, -4.9576,
3.4589

■ 47.7570, -4.8102,

2.8441

■ 26.8710, -4.3734,
2.7441

■ 0.0000, 0.0000,
0.0000

■ 226.0130, -6.4154,
4.3736

■ 226.0130, -6.4154,
4.3736

■ 219.8690,
-14.7254, 9.7619

■ 232.1570, 1.8946,
-1.0147

■ 213.1380,
-22.7460, 15.6650

■ 238.4320, 8.1680,
-6.5179

■ 206.9940,
-31.0560, 21.0533

■ 241.9540, 6.4317,
-9.6067

■ 200.2630,
-39.0767, 26.9563

■ 246.0630, 4.4059,
-13.2103

■ 194.1190,
-47.3867, 32.3446

■ 247.8240, 3.5378,
-14.7546

■ 187.2740,
-55.8441, 38.3477

■ 181.1300,
-64.1541, 43.7360

■ 174.9860,
-72.4641, 49.1243

■ 168.2550,
-80.4847, 55.0274

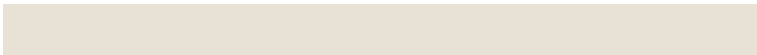
Harmonies

Analogous

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



226.7470, -6.2843, 8.9919



226.0130, -6.4154, 4.3736



225.0230, -4.9413, -1.7742

Triad

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



226.0130, -6.4154, 4.3736



224.3620, 4.2585, -12.5955



227.9130, 2.0149, 7.0923

Complementary

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



226.0130, -6.4154, 4.3736



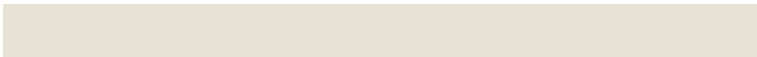
217.9870, 6.4154, -4.3736

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.



226.9770, 4.9413, 1.7742



226.0130, -6.4154, 4.3736



224.9540, 6.4317, -9.6067

Square

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



226.0130, -6.4154, 4.3736



223.9770, 1.4903, -11.3808



225.9870, 6.4154, -4.3736



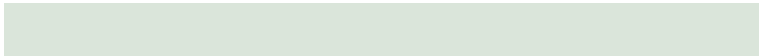
227.7240, -1.3429, 10.7661

Rectangle

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



226.0130, -6.4154, 4.3736



224.4570, -3.1833, -5.6628



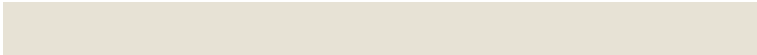
225.9870, 6.4154, -4.3736



227.5430, 3.1833, 5.6628

Sweetspot

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



226.0130, -6.4154, 4.3736



253.8430, -1.8946, 1.0147



218.9520, -0.4693, 10.5661



127.0710, -1.0210, 0.8147



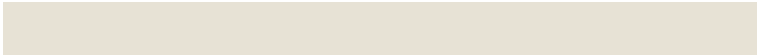
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



226.0130, -6.4154, 4.3736



248.8560, -8.3100, 5.3883



227.7520, -7.2727, -0.6595



111.8710, -4.3734, 2.7441



129.2440, -63.7173, 43.6360



36.9680, -18.2252, 12.3061

Inverse Universe

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



217.9870, 6.4154, -4.3736



238.1440, 8.3100, -5.3883



216.2480, 7.2727, 0.6595



106.1290, 4.3734, -2.7441



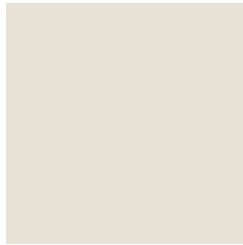
49.7560, 63.7173, -43.6360



14.0320, 18.2252, -12.3061

Previews

White Background



This preview shows how the YUV color 226.0130, -6.4154, 4.3736 looks on a white background.

Color Contrast Check

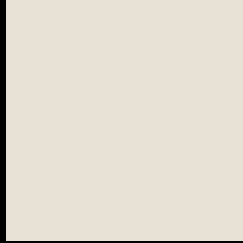
Large Text (above 18pt) WCAG AA × Fail

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 226.0130, -6.4154, 4.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

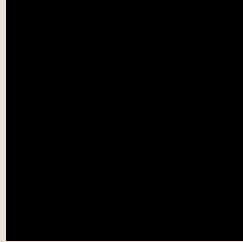
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

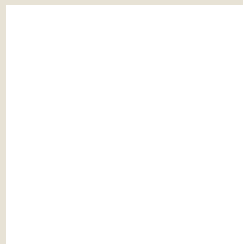
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.0130, -6.4154, 4.3736

Background



This preview shows how black text looks on a background with the YUV color 226.0130, -6.4154, 4.3736.



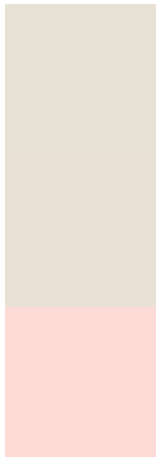
This preview shows how white text looks on a background with the YUV color 226.0130, -6.4154,

4.3736.

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

226.0130, -6.4154, 4.3736

Protanopia

226.0240, -6.4208, 6.1180

Deuteranopia

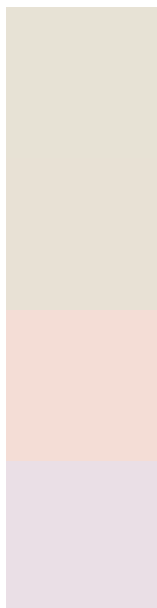
227.7100, -6.7590, 21.3023



Tritanopia

227.9390, 5.9461, 6.1925

Trichromacy



Original Color

226.0130, -6.4154, 4.3736

Protanomaly

225.7250, -6.2734, 5.5032

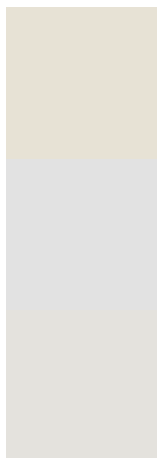
Deuteranomaly

227.0790, -6.4479, 14.8397

Tritanomaly

227.0870, 1.4361, 6.0627

Monochromacy



Original Color

226.0130, -6.4154, 4.3736

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.0130, -6.4154, 4.3736 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(231, 226, 213)` looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 213)  
}
```

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(231, 226, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 213) }
```

Border

The CSS property to change the border of an element to YUV 226.0130, -6.4154, 4.3736 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(231, 226, 213) }
```


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

```
.border{ border-color:rgb(231, 226, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 226.0130, -6.4154, 4.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 213) }
```

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

```
.background{ background-color: rgb(231,  
226, 213) }
```

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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