

Converting Colors

YUV(226.8260, -36.3962,
7.1686)

Have a look what the booklet for
YUV(226.8260, -36.3962, 7.1686)
contains.

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Color

**YUV(226.8260, -36.3962,
7.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	EBED99
RGB	235, 237, 153
RGB Percent	92%, 93%, 60%
CMY	0.0784, 0.0706, 0.4000
CMYK	0.01, 0.00, 0.35, 0.07
HSL	61°, 70%, 76%
HSV	61°, 35%, 93%
XYZ	70.2949, 80.5304, 41.9760
YIQ	226.8260, 25.7720, -26.5480

Conversions

Conversions Part 2

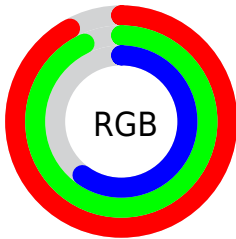
Format	Color
R _Y B	153, 237, 155
Decimal	15461785
CIE Lab	91.92, -13.02, 40.51
CIE LCh	92, 42.552, 107.811
Yxy	80.5304, 0.3646, 0.4177
Android (android.graphics.Color)	4293651865 (0xFFEBED99)
YUV	226.8260, -36.3962, 7.1686
Hunter-Lab	89.7388, -17.2187, 35.0838

Details

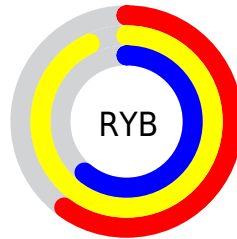
The YUV color $226.8260, -36.3962, 7.1686$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $163.1740, 36.3962, -7.1686$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, -20.5295, 4.6990$, and $170.9830, -34.5016, 6.1539$ is the 20% darker color. If you saturate the color by 10%, you get $223.7910, -46.7320, 8.9533$, and if you desaturate by 10%, it is $229.8610, -26.0605, 5.3839$.

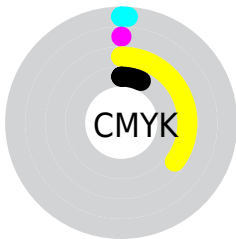
Distribution



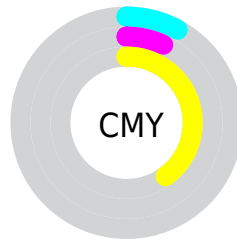
- Red (92%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.8260, -36.3962, 7.1686 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 226.8260, -36.3962, 7.1686 by changing the saturation by 10% instead.

■ 226.8260,
-36.3962, 7.1686

■ 226.8260,
-36.3962, 7.1686

255.0000, 0.0000,
0.0000

■ 198.6410,
-35.8120, 6.4538

■ 249.6420,
-20.5295, 4.6990

■ 170.9830,
-34.5016, 6.1539

■ 252.9480, -7.8624,
1.7996

■ 143.7980,
-33.9174, 5.4392

■ 118.6130,
-33.3332, 4.7244

■ 93.3140, -33.1858,
4.1096

■ 68.4880, -33.7646,
3.0800

■ 48.1100, -23.7182,

0.7805

■ 27.7210, -13.6665,
-3.2633

■ 7.6310, -3.7621,
-6.6924

■ 226.8260,
-36.3962, 7.1686

■ 226.8260,
-36.3962, 7.1686

■ 223.7910,
-46.7320, 8.9533

■ 229.8610,
-26.0605, 5.3839

■ 221.1690,
-56.7783, 11.2528

■ 232.4830,
-16.0141, 3.0844

■ 218.1340,
-67.1141, 13.0375

■ 235.5180, -5.6784,
1.2997

■ 215.3980,
-77.5972, 15.4370

■ 238.2540, 4.8048,
-1.0998

■ 212.4770,
-87.4962, 17.1217

■ 239.3510, 7.7150,
-1.1848

■ 209.7410,
-97.9793, 19.5211

■ 239.6500, 7.5676,
-0.5700

■ 208.1880,
-102.6367, 20.0061

■ 239.9490, 7.4201,
0.0447

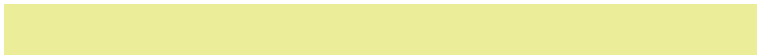
Harmonies

Analogous

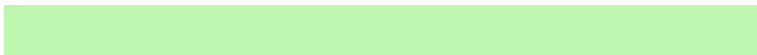
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.0610, -36.0191, 26.2565



226.8260, -36.3962, 7.1686



221.5640, -22.4631, -28.5586

Triad

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



226.8260, -36.3962, 7.1686



204.2250, 25.0321, -95.7903



223.3190, 13.1537, 27.7842

Complementary

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



226.8260, -36.3962, 7.1686



163.1740, 36.3962, -7.1686

Split Complementary

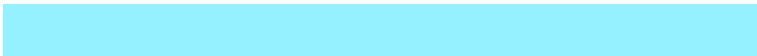
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.3460, 12.1544, 21.6216



226.8260, -36.3962, 7.1686



215.0880, 19.6766, -57.9592

Square

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



226.8260, -36.3962, 7.1686



206.5730, 23.8745, -97.8495



226.0060, 14.2940, -11.4063



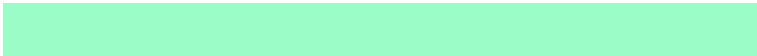
218.0580, -4.4656, 32.3981

Rectangle

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



226.8260, -36.3962, 7.1686



217.3680, -8.5624, -53.8197



226.0060, 14.2940, -11.4063



225.6500, 14.4696, 25.7400

Sweetspot

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



226.8260, -36.3962, 7.1686



251.5090, -12.0829, 2.1846



178.7030, -12.6716, 51.1265



125.7630, -7.2782, 1.0848



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.



226.8260, -36.3962, 7.1686



241.5630, -47.6056, 9.1532



214.5670, -30.3525, -18.0373



115.7460, -4.8048, 1.0998



159.1700, -78.4708, 15.6369



47.2460, -23.2923, 4.1693

Inverse Universe

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



163.1740, 36.3962, -7.1686



158.4370, 47.6056, -9.1532



175.4330, 30.3525, 18.0373



107.2540, 4.8048, -1.0998



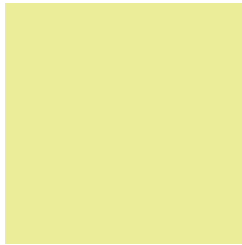
21.8300, 78.4708, -15.6369



6.4550, 23.4397, -4.7840

Previews

White Background



This preview shows how the YUV color 226.8260, -36.3962, 7.1686 looks on a white background.

Color Contrast Check

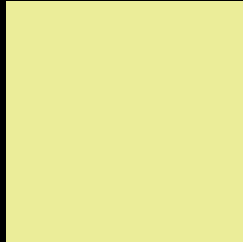
Large Text (above 18pt) WCAG AA × Fail

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 226.8260, -36.3962, 7.1686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

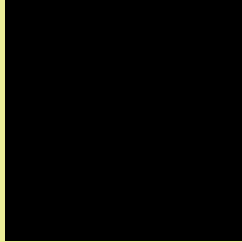
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

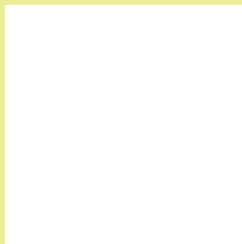
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.8260, -36.3962, 7.1686

Background



This preview shows how black text looks on a background with the YUV color 226.8260, -36.3962, 7.1686.



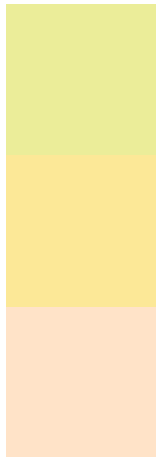
This preview shows how white text looks on a background with the YUV color 226.8260, -36.3962, 7.1686.

7.1686.

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

226.8260, -36.3962, 7.1686

Protanopia

228.7460, -38.3288, 20.3938

Deuteranopia

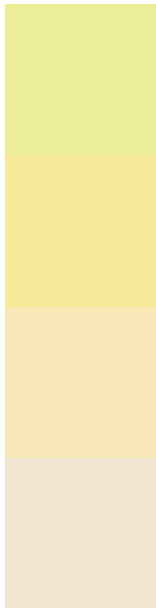
232.2940, -15.9209, 19.9132



Tritanopia

234.0320, 4.9142, 10.4959

Trichromacy



Original Color

226.8260, -36.3962, 7.1686

Protanomaly

228.2400, -37.5863, 15.5755

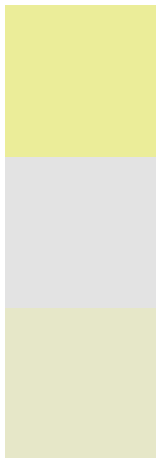
Deuteranomaly

230.6110, -23.4722, 15.2502

Tritanomaly

231.4220, -10.0680, 9.2769

Monochromacy



Original Color

226.8260, -36.3962, 7.1686

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.1670, -13.3933, 2.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.8260, -36.3962, 7.1686 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(235, 237, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 153)  
}
```

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(235, 237, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 153) }
```

Border

The CSS property to change the border of an element to YUV 226.8260, -36.3962, 7.1686 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(235, 237, 153) }
```


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

```
.border{ border-color:rgb(235, 237, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 237, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 226.8260, -36.3962, 7.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 153) }
```

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

```
.background{ background-color: rgb(235,  
237, 153) }
```

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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