

Converting Colors

YUV(226.4770, -13.5462,
4.8437)

Have a look what the booklet for
YUV(226.4770, -13.5462, 4.8437)
contains.

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Color

**YUV(226.4770, -13.5462,
4.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E5C7
RGB	232, 229, 199
RGB Percent	91%, 90%, 78%
CMY	0.0902, 0.1020, 0.2196
CMYK	0.00, 0.01, 0.14, 0.09
HSL	55°, 42%, 85%
HSV	55°, 14%, 91%
XYZ	71.6068, 77.3179, 65.1826
YIQ	226.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

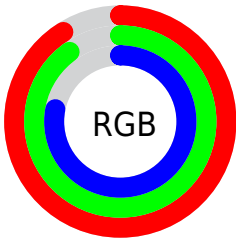
Format	Color
R _Y B	202, 232, 199
Decimal	15263175
CIE Lab	90.47, -3.95, 15.01
CIE LCh	90, 15.517, 104.750
Yxy	77.3179, 0.3344, 0.3611
Android (android.graphics.Color)	4293453255 (0xFFE8E5C7)
YUV	226.4770, -13.5462, 4.8437
Hunter-Lab	87.9306, -8.5161, 17.6000

Details

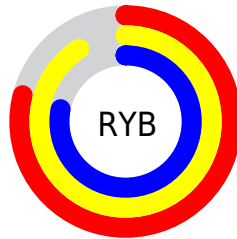
The YUV color $226.4770, -13.5462, 4.8437$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $204.5230, 13.5462, -4.8437$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.2920, -12.9620, 4.1289$ is the 20% darker color. If you saturate the color by 10%, you get $222.6810, -23.0137, 8.1728$, and if you desaturate by 10%, it is $230.2730, -4.0786, 1.5146$.

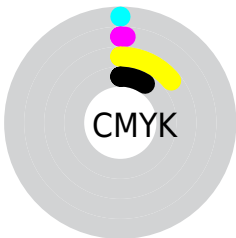
Distribution



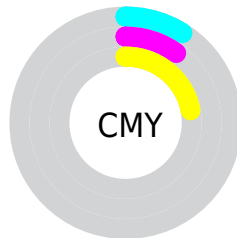
- Red (91%)
- Green (90%)
- Blue (78%)



- Red (79%)
- Yellow (91%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.4770, -13.5462, 4.8437 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 226.4770, -13.5462, 4.8437 by changing the saturation by 10% instead.

■ 226.4770,
-13.5462, 4.8437

■ 226.4770,
-13.5462, 4.8437

255.0000, 0.0000,
0.0000

■ 198.5910,
-13.1094, 4.7437

■ 171.2920,
-12.9620, 4.1289

■ 144.4060,
-12.5252, 4.0289

■ 118.6340,
-11.6516, 3.8290

■ 94.3350, -11.5042,
3.2142

■ 70.4490, -11.0674,
3.1142

■ 47.6770, -10.1938,

2.9143

■ 26.4060, -12.5252,
4.0289

■ 1.7610, -0.8682,
-1.5444

■ 226.4770,
-13.5462, 4.8437

■ 226.4770,
-13.5462, 4.8437

■ 222.6810,
-23.0137, 8.1728

■ 230.2730, -4.0786,
1.5146

■ 218.8850,
-32.4813, 11.5019

■ 234.0690, 5.3890,
-1.8145

■ 214.9750,
-42.3857, 14.9309

■ 236.3830, 9.1782,
-3.8439

■ 211.1790,
-51.8532, 18.2600

■ 237.5570, 8.5994,
-4.8735

■ 206.7960,
-61.0314, 22.1039

■ 239.3180, 7.7312,
-6.4179

■ 203.0000,
-70.4990, 25.4330

■ 240.4920, 7.1524,
-7.4475

■ 199.2040,
-79.9666, 28.7621

■ 241.6660, 6.5737,
-8.4771

■ 195.2940,
-89.8709, 32.1912

■ 242.8400, 5.9949,
-9.5067

■ 193.2250,
-95.2599, 34.0057

■ 244.0140, 5.4161,
-10.5363

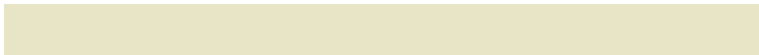
Harmonies

Analogous

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



228.0270, -14.3103, 16.6393



226.4770, -13.5462, 4.8437



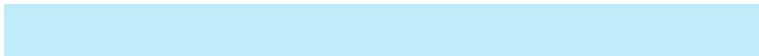
224.5400, -9.1402, -8.3666

Triad

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



226.4770, -13.5462, 4.8437



223.6250, 12.0169, -27.7351



230.5170, 2.7031, 19.7176

Complementary

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



226.4770, -13.5462, 4.8437



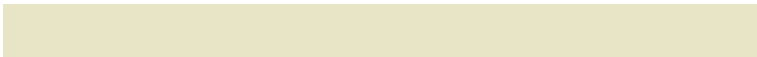
204.5230, 13.5462, -4.8437

Split Complementary

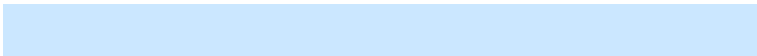
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.1610, 9.2876, 7.7518



226.4770, -13.5462, 4.8437



225.3640, 14.6105, -19.6132

Square

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



226.4770, -13.5462, 4.8437



223.0180, 5.9071, -28.0798



227.8110, 13.4042, -5.9732



229.4050, -4.1437, 22.4468

Rectangle

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



226.4770, -13.5462, 4.8437



223.4510, -4.1663, -17.0585



227.8110, 13.4042, -5.9732



230.4780, 5.1873, 16.2438

Sweetspot

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



226.4770, -13.5462, 4.8437



253.2730, -4.0786, 1.5146



209.2090, -3.5540, 19.9877



126.6150, -2.7682, 1.2146



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.



226.4770, -13.5462, 4.8437



247.7500, -17.6247, 6.3582



224.3510, -12.4980, -4.6928



113.0450, -4.9522, 1.7145



148.6150, -73.2672, 26.6476



42.2510, -20.8297, 7.6729

Inverse Universe

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



204.5230, 13.5462, -4.8437



219.2500, 17.6248, -6.3582



206.6490, 12.4980, 4.6928



104.9550, 4.9522, -1.7145



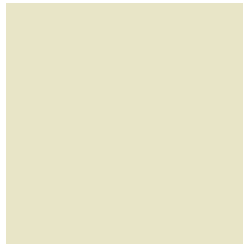
29.7980, 73.5566, -26.1328



8.7490, 20.8297, -7.6729

Previews

White Background



This preview shows how the YUV color 226.4770, -13.5462, 4.8437 looks on a white background.

Color Contrast Check

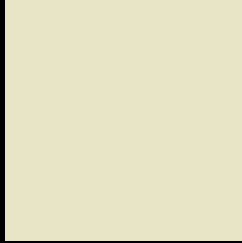
Large Text (above 18pt) WCAG AA × Fail

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 226.4770, -13.5462, 4.8437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

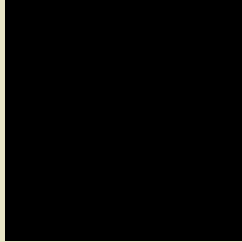
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

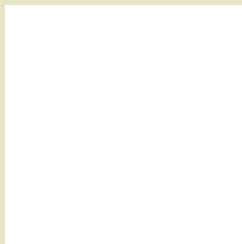
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.4770, -13.5462, 4.8437

Background



This preview shows how black text looks on a background with the YUV color 226.4770, -13.5462, 4.8437.



This preview shows how white text looks on a background with the YUV color 226.4770, -13.5462, 4.8437.

4.8437.

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

226.4770, -13.5462, 4.8437

Protanopia

227.2820, -14.4360, 10.2767

Deuteranopia

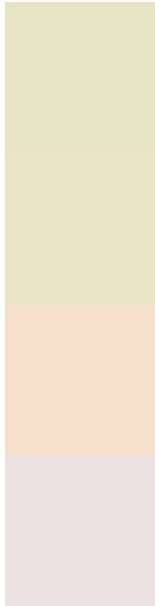
229.3420, -12.0006, 22.5021



Tritanopia

229.5370, 5.6513, 7.4221

Trichromacy



Original Color

226.4770, -13.5462, 4.8437

Protanomaly

226.9720, -14.2832, 7.9176

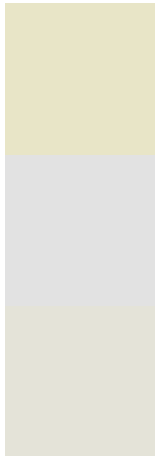
Deuteranomaly

228.4830, -12.5631, 16.2394

Tritanomaly

228.4030, -1.1847, 6.6626

Monochromacy



Original Color

226.4770, -13.5462, 4.8437

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.0450, -4.9522, 1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.4770, -13.5462, 4.8437 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(232, 229, 199)` looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 199)  
}
```

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(232, 229, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 199) }
```

Border

The CSS property to change the border of an element to YUV 226.4770, -13.5462, 4.8437 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(232, 229, 199) }
```


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

```
.border{ border-color:rgb(232, 229, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 229, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 199);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 226.4770, -13.5462, 4.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 199) }
```

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

```
.background{ background-color: rgb(232,  
229, 199) }
```

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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