

Converting Colors

YUV(225.8470, -14.7146,
6.2732)

Have a look what the booklet for
YUV(225.8470, -14.7146, 6.2732)
contains.

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Color

**YUV(225.8470, -14.7146,
6.2732)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E4C4
RGB	233, 228, 196
RGB Percent	91%, 89%, 77%
CMY	0.0863, 0.1059, 0.2314
CMYK	0.00, 0.02, 0.16, 0.09
HSL	52°, 46%, 84%
HSV	52°, 16%, 91%
XYZ	71.3115, 76.7960, 63.2891
YIQ	225.8470, 13.2520, -8.8920

Conversions

Conversions Part 2

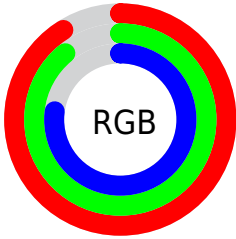
Format	Color
RYB	202, 233, 196
Decimal	15328452
CIELab	90.23, -3.54, 16.24
CIElCh	90, 16.621, 102.303
Yxy	76.7960, 0.3373, 0.3633
Android (android.graphics.Color)	4293518532 (0xFFE9E4C4)
YUV	225.8470, -14.7146, 6.2732
Hunter-Lab	87.6333, -8.1042, 18.5238

Details

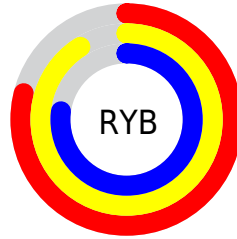
The YUV color $225.8470, -14.7146, 6.2732$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $203.1530, 14.7146, -6.2732$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7720, -0.8736, 0.2000$, and $170.6620, -14.1304, 5.5584$ is the 20% darker color. If you saturate the color by 10%, you get $221.4640, -23.8928, 10.1171$, and if you desaturate by 10%, it is $230.2300, -5.5364, 2.4293$.

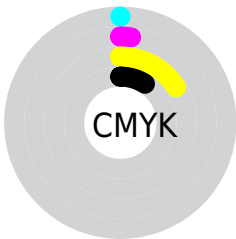
Distribution



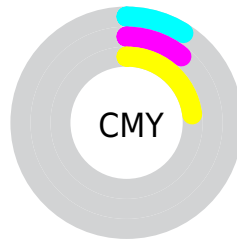
- Red (91%)
- Green (89%)
- Blue (77%)



- Red (79%)
- Yellow (91%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.8470, -14.7146, 6.2732 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 225.8470, -14.7146, 6.2732 by changing the saturation by 10% instead.

■ 225.8470,
-14.7146, 6.2732

■ 225.8470,
-14.7146, 6.2732

255.0000, 0.0000,
0.0000

■ 197.9610,
-14.2778, 6.1732

254.7720, -0.8736,
0.2000

■ 170.6620,
-14.1304, 5.5584

■ 143.8900,
-13.2568, 5.3585

■ 118.0040,
-12.8200, 5.2585

■ 93.7050, -12.6726,
4.6437

■ 69.9330, -11.7990,
4.4438

■ 47.7480, -11.2148,

3.7290

■ 26.5910, -13.1094,
4.7437

■ 1.1740, -0.5788,
-1.0296

■ 225.8470,
-14.7146, 6.2732

■ 225.8470,
-14.7146, 6.2732

■ 221.4640,
-23.8928, 10.1171

■ 230.2300, -5.5364,
2.4293

■ 216.9670,
-33.5077, 14.0609

■ 234.7270, 4.0786,
-1.5146

■ 212.5840,
-42.6859, 17.9048

■ 237.8560, 8.4520,
-4.2587

■ 207.6140,
-51.5747, 22.2635

■ 240.2040, 7.2944,
-6.3179

■ 203.2310,
-60.7529, 26.1074

■ 241.9650, 6.4263,
-7.8623

■ 198.7340,
-70.3679, 30.0513

■ 243.7260, 5.5581,
-9.4067

■ 194.3510,
-79.5460, 33.8952

■ 245.4870, 4.6899,
-10.9511

■ 189.9680,
-88.7242, 37.7391

■ 247.2480, 3.8217,
-12.4955

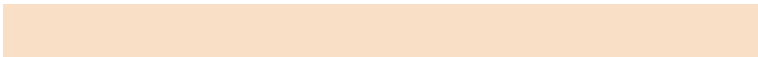
■ 188.2410,
-92.8028, 39.2536

■ 248.4220, 3.2430,
-13.5251

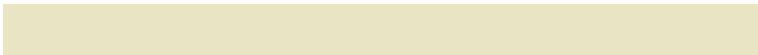
Harmonies

Analogous

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



227.8100, -15.1893, 18.5836



225.8470, -14.7146, 6.2732



224.1980, -10.4506, -8.0666

Triad

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



225.8470, -14.7146, 6.2732



222.4290, 12.6065, -30.1942



230.0440, 3.4293, 20.1324

Complementary

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



225.8470, -14.7146, 6.2732



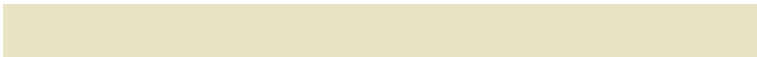
203.1530, 14.7146, -6.2732

Split Complementary

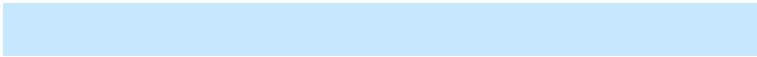
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.5030, 10.5980, 7.4519



225.8470, -14.7146, 6.2732



224.1680, 15.2002, -22.0723

Square

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



225.8470, -14.7146, 6.2732



221.3060, 5.7651, -29.2094



226.9140, 13.8464, -7.8176



228.2310, -3.5649, 23.4764

Rectangle

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



225.8470, -14.7146, 6.2732



222.8100, -5.3293, -17.3734



226.9140, 13.8464, -7.8176



230.0050, 5.9135, 16.6586

Sweetspot

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



225.8470, -14.7146, 6.2732



252.3440, -5.0996, 2.3293



207.7470, -2.8333, 22.1469



125.9140, -2.9156, 1.8294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

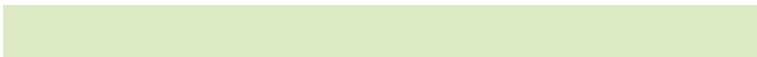
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.8470, -14.7146, 6.2732



245.4190, -18.9406, 8.4025



224.8950, -14.2452, -4.2929



115.1590, -4.5154, 1.6146



146.2780, -72.1151, 30.4512



43.1480, -21.2720, 9.5172

Inverse Universe

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



203.1530, 14.7146, -6.2732



215.9940, 19.2300, -7.8877



204.1050, 14.2452, 4.2929



107.8410, 4.5154, -1.6146



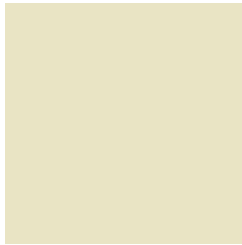
34.7220, 72.1151, -30.4512



10.2650, 21.5614, -9.0024

Previews

White Background



This preview shows how the YUV color 225.8470, -14.7146, 6.2732 looks on a white background.

Color Contrast Check

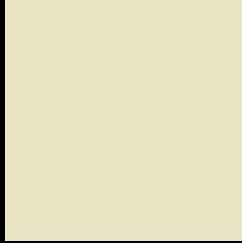
Large Text (above 18pt) WCAG AA × Fail

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 225.8470, -14.7146, 6.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

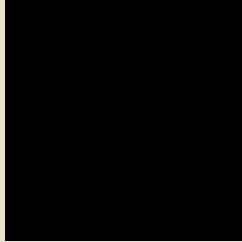
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 225.8470, -14.7146, 6.2732

Background



This preview shows how black text looks on a background with the YUV color 225.8470, -14.7146, 6.2732.



This preview shows how white text looks on a background with the YUV color 225.8470, -14.7146, 6.2732.

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

225.8470, -14.7146, 6.2732

Protanopia

226.0540, -15.3096, 10.4766

Deuteranopia

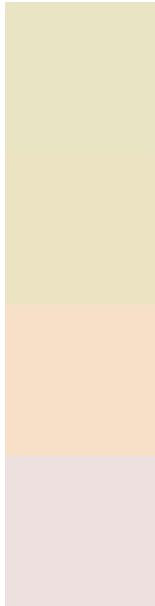
228.4130, -13.0216, 23.3168



Tritanopia

229.0210, 4.9196, 8.7516

Trichromacy



Original Color

225.8470, -14.7146, 6.2732

Protanomaly

226.0430, -15.3042, 8.7323

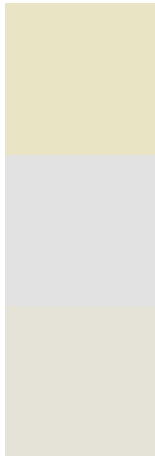
Deuteranomaly

227.5540, -13.5841, 17.0541

Tritanomaly

227.7730, -2.3531, 8.0921

Monochromacy



Original Color

225.8470, -14.7146, 6.2732

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.8470, -14.7146, 6.2732 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(233, 228, 196)` looks like.

```
.text, #text, p{  
    color:rgb(233, 228, 196)  
}
```

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(233, 228, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 228, 196) }
```

Border

The CSS property to change the border of an element to YUV 225.8470, -14.7146, 6.2732 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(233, 228, 196) }
```


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

```
.border{ border-color:rgb(233, 228, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 228, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 228, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 228, 196);  
box-shadow:4px 4px 4px 4px rgb(233, 228,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 225.8470, -14.7146, 6.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 228, 196) }
```

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

```
.background{ background-color: rgb(233,  
228, 196) }
```

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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