

Converting Colors

YUV(224.2110, -13.4150,
9.4620)

Have a look what the booklet for
YUV(224.2110, -13.4150, 9.4620)
contains.

YUV(224.2110, -13.4150, 9.4620)	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(224.2110, -13.4150,
9.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0C5
RGB	235, 224, 197
RGB Percent	92%, 88%, 77%
CMY	0.0784, 0.1216, 0.2275
CMYK	0.00, 0.05, 0.16, 0.08
HSL	43°, 49%, 85%
HSV	43°, 16%, 92%
XYZ	70.9946, 75.0047, 63.5589
YIQ	224.2110, 15.2230, -6.0650

Conversions

Conversions Part 2

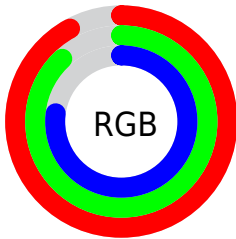
Format	Color
R _Y B	212, 235, 197
Decimal	15458501
CIE Lab	89.40, -0.63, 14.57
CIE LCh	89, 14.581, 92.467
Yxy	75.0047, 0.3388, 0.3579
Android (android.graphics.Color)	4293648581 (0xFFEBE0C5)
YUV	224.2110, -13.4150, 9.4620
Hunter-Lab	86.6053, -5.2338, 17.1112

Details

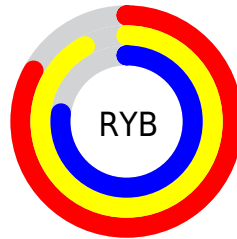
The YUV color $224.2110, -13.4150, 9.4620$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $207.7890, 13.4150, -9.4620$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $169.0260, -12.8308, 8.7472$ is the 20% darker color. If you saturate the color by 10%, you get $217.4800, -21.4356, 15.3650$, and if you desaturate by 10%, it is $231.0560, -4.9576, 3.4589$.

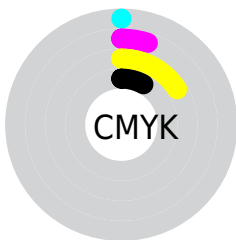
Distribution



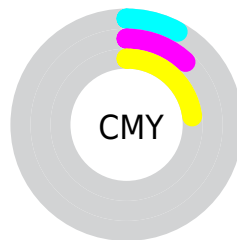
- Red (92%)
- Green (88%)
- Blue (77%)



- Red (83%)
- Yellow (92%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.2110, -13.4150, 9.4620 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 224.2110, -13.4150, 9.4620 by changing the saturation by 10% instead.

■ 224.2110,
-13.4150, 9.4620

■ 224.2110,
-13.4150, 9.4620

255.0000, 0.0000,
0.0000

■ 196.3250,
-12.9782, 9.3620

254.8860, -0.4368,
0.1000

■ 169.0260,
-12.8308, 8.7472

■ 142.2540,
-11.9572, 8.5472

■ 116.9550,
-11.8098, 7.9325

■ 92.0690, -11.3730,
7.8325

■ 68.5850, -10.6414,
6.5030

■ 46.4000, -10.0572,

5.7882

■ 25.1290, -12.3886,
6.9029

■ 0.0000, 0.0000,
0.0000

■ 224.2110,
-13.4150, 9.4620

■ 224.2110,
-13.4150, 9.4620

■ 217.4800,
-21.4356, 15.3650

■ 231.0560, -4.9576,
3.4589

■ 210.6350,
-29.8931, 21.3681

■ 237.7870, 3.0630,
-2.4442

■ 204.3770,
-38.6399, 26.8564

■ 242.5630, 6.1314,
-6.6328

■ 197.6460,
-46.6605, 32.7595

■ 246.6720, 4.1057,
-10.2363

■ 190.8010,
-55.1179, 38.7625

■ 249.0200, 2.9481,
-12.2955

■ 184.0700,
-63.1385, 44.6656

■ 177.3390,
-71.1591, 50.5687

■ 171.0810,
-79.9059, 56.0570

■ 168.2940,
-82.9689, 58.5012

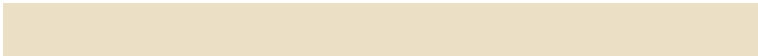
Harmonies

Analogous

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



226.0920, -12.8634, 19.2133



224.2110, -13.4150, 9.4620



222.2310, -10.4669, -2.8336

Triad

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



224.2110, -13.4150, 9.4620



220.2400, 9.2487, -26.5205



227.4670, 5.1928, 14.4994

Complementary

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



224.2110, -13.4150, 9.4620



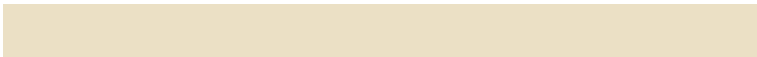
207.7890, 13.4150, -9.4620

Split Complementary

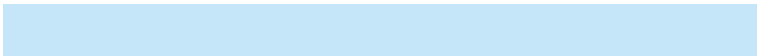
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.4700, 10.6143, 2.2188



224.2110, -13.4150, 9.4620



222.2990, 13.1636, -22.1872

Square

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



224.2110, -13.4150, 9.4620



220.1280, 2.4019, -23.7913



223.8920, 13.8572, -11.3063



227.3880, -1.6703, 22.4617

Rectangle

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



224.2110, -13.4150, 9.4620



221.6860, -7.2402, -11.1256



223.8920, 13.8572, -11.3063



227.3140, 7.2402, 11.1256

Sweetspot

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



224.2110, -13.4150, 9.4620



251.1700, -4.5208, 3.3589



209.6160, -0.7967, 22.2618



125.3270, -2.6262, 2.3442



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.



224.2110, -13.4150, 9.4620



241.3100, -16.9148, 12.0061



228.2760, -15.4191, -1.1191



113.9850, -3.9366, 2.6442



129.8420, -64.0121, 44.8656



38.4520, -18.9568, 13.6356

Inverse Universe

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



207.7890, 13.4150, -9.4620



220.6900, 16.9148, -12.0061



203.7240, 15.4191, 1.1191



109.0150, 3.9366, -2.6442



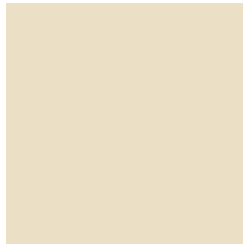
51.1580, 64.0121, -44.8656



15.5480, 18.9568, -13.6356

Previews

White Background



This preview shows how the YUV color 224.2110, -13.4150, 9.4620 looks on a white background.

Color Contrast Check

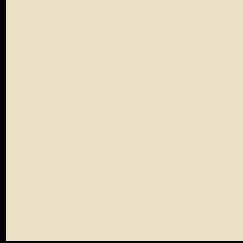
Large Text (above 18pt) WCAG AA × Fail

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 224.2110, -13.4150, 9.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

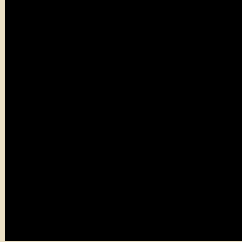
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.2110, -13.4150, 9.4620

Background



This preview shows how black text looks on a background with the YUV color 224.2110, -13.4150, 9.4620.



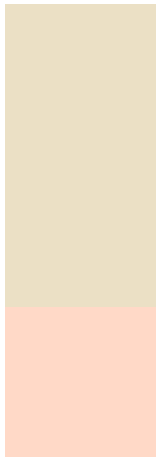
This preview shows how white text looks on a background with the YUV color 224.2110, -13.4150, 9.4620.

9.4620.

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

224.2110, -13.4150, 9.4620

Protanopia

224.2110, -13.4150, 9.4620

Deuteranopia

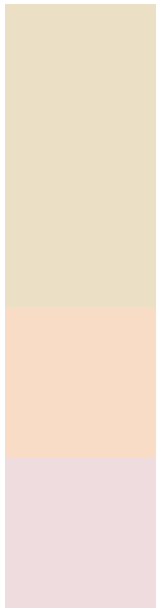
226.3100, -13.4638, 25.1611



Tritanopia

226.6300, 4.6194, 11.7255

Trichromacy



Original Color

224.2110, -13.4150, 9.4620

Protanomaly

224.2110, -13.4150, 9.4620

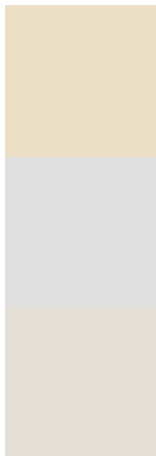
Deuteranomaly

225.8640, -13.7370, 19.4133

Tritanomaly

225.6100, -1.7797, 10.8660

Monochromacy



Original Color

224.2110, -13.4150, 9.4620

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.2110, -13.4150, 9.4620 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, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 197)  
}
```

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, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 197) }
```

Border

The CSS property to change the border of an element to YUV 224.2110, -13.4150, 9.4620 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, 224, 197) }
```


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

```
.border{ border-color:rgb(235, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 224.2110, -13.4150, 9.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 197) }
```

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

```
.background{ background-color: rgb(235,  
224, 197) }
```

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