

Converting Colors

YUV(244.2160, -31.1655,
9.4576)

Have a look what the booklet for
YUV(244.2160, -31.1655, 9.4576)
contains.

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Color

**YUV(244.2160, -31.1655,
9.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBB5
RGB	255, 251, 181
RGB Percent	100%, 98%, 71%
CMY	0.0000, 0.0157, 0.2902
CMYK	0.00, 0.02, 0.29, 0.00
HSL	57°, 100%, 85%
HSV	57°, 29%, 100%
XYZ	84.0777, 93.5906, 57.3495
YIQ	244.2160, 24.8540, -20.9220

Conversions

Conversions Part 2

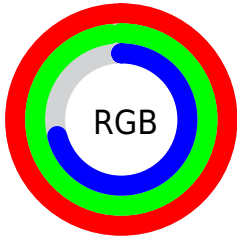
Format	Color
RYB	185, 255, 181
Decimal	16776117
CIELab	97.47, -9.11, 34.11
CIELCh	97, 35.309, 104.947
Yxy	93.5906, 0.3578, 0.3982
Android (android.graphics.Color)	4294966197 (0xFFFFFBB5)
YUV	244.2160, -31.1655, 9.4576
Hunter-Lab	96.7422, -14.1663, 32.5720

Details

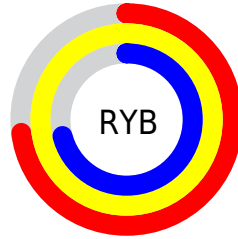
The YUV color **244.2160, -31.1655, 9.4576** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **191.7840, 31.1655, -9.4576**, and the grayscale version is **245.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9480, -7.8624, 1.7996**, and **187.9600, -29.5603, 7.9281** is the 20% darker color. If you saturate the color by 10%, you get **240.7790, -41.7960, 12.4718**, and if you desaturate by 10%, it is **247.7670, -20.0981, 6.3433**.

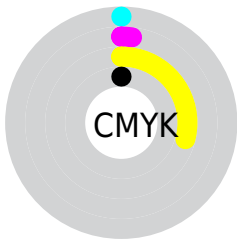
Distribution



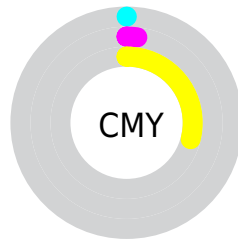
- Red (100%)
- Green (98%)
- Blue (71%)



- Red (73%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.2160, -31.1655, 9.4576 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 244.2160, -31.1655, 9.4576 by changing the saturation by 10% instead.

244.2160,
-31.1655, 9.4576

244.2160,
-31.1655, 9.4576

255.0000, 0.0000,
0.0000

215.4440,
-30.2919, 9.2576

252.9480, -7.8624,
1.7996

187.9600,
-29.5603, 7.9281

160.4870,
-28.8341, 8.3429

134.0030,
-28.1025, 7.0134

108.8180,
-27.5183, 6.2986

84.0460, -26.6447,
6.0987

60.2200, -27.2235,

5.0691

■ 39.8590, -19.6505,
2.7547

■ 20.3450, -10.0301,
-2.9336

■ 244.2160,
-31.1655, 9.4576

■ 244.2160,
-31.1655, 9.4576

■ 240.7790,
-41.7960, 12.4718

■ 247.7670,
-20.0981, 6.3433

■ 236.6410,
-52.5740, 16.1008

■ 251.7910, -9.7570,
2.8143

■ 233.2040,
-63.2046, 19.1151

255.0000, 0.0000,
0.0000

■ 229.0660,
-73.9825, 22.7441

■ 225.6290,
-84.6131, 25.7584

■ 222.0780,
-95.6805, 28.8726

■ 218.0540,
-106.0216, 32.4016

■ 217.7120,
-107.3320, 32.7016

Harmonies

Analogous

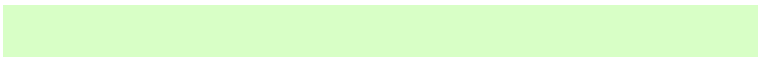
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.8730, -27.5454, 15.0204



244.2160, -31.1655, 9.4576



236.8410, -19.1486, -18.2776

Triad

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



244.2160, -31.1655, 9.4576



223.0070, 15.7725, -65.7811



236.8030, 8.9711, 15.9588

Complementary

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



244.2160, -31.1655, 9.4576



191.7840, 31.1655, -9.4576

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.



242.0860, 6.3666, 11.3256



244.2160, -31.1655, 9.4576



232.8740, 10.9081, -45.4935

Square

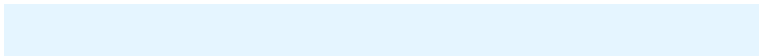
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.2160, -31.1655, 9.4576



223.3060, 15.6251, -65.1664



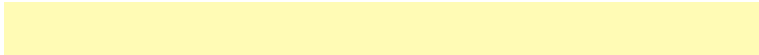
241.3560, 6.7265, -10.8362



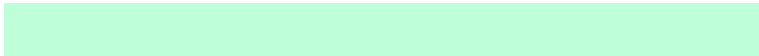
233.5940, -0.7858, 18.7731

Rectangle

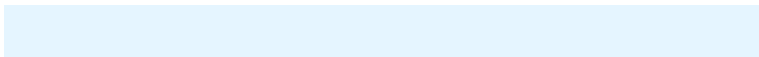
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.2160, -31.1655, 9.4576



231.3470, -6.5801, -36.2613



241.3560, 6.7265, -10.8362



238.5640, 8.1029, 14.4144

Sweetspot

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



244.2160, -31.1655, 9.4576



251.7910, -9.7570, 2.8143



203.6960, -8.7241, 44.9936



125.7030, -6.2626, 2.0145



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

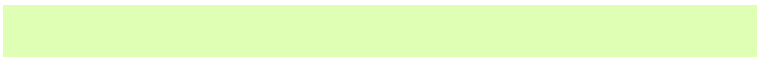
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.2160, -31.1655, 9.4576



241.9190, -37.4281, 11.4720



236.9960, -27.6060, -12.2745



125.9310, -5.3890, 1.8145



163.3560, -80.5345, 24.2438



54.3560, -26.7975, 8.4578

Inverse Universe

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



191.7840, 31.1655, -9.4576



179.0810, 37.4281, -11.4720



199.0040, 27.6060, 12.2745



116.4820, 5.6784, -1.2997



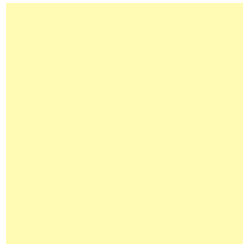
27.6440, 80.5345, -24.2438



9.0570, 27.0869, -7.9430

Previews

White Background



This preview shows how the YUV color 244.2160, -31.1655, 9.4576 looks on a white background.

Color Contrast Check

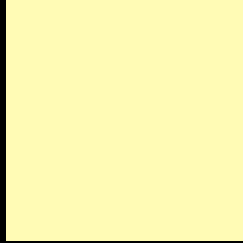
Large Text (above 18pt) WCAG AA × Fail

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 244.2160, -31.1655, 9.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

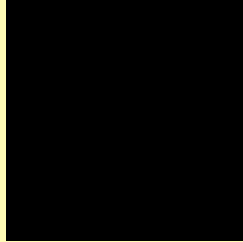
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.2160, -31.1655, 9.4576

Background



This preview shows how black text looks on a background with the YUV color 244.2160, -31.1655, 9.4576.

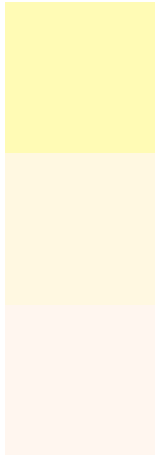


This preview shows how white text looks on a background with the YUV color 244.2160, -31.1655, 9.4576.

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

244.2160, -31.1655, 9.4576

Protanopia

247.4710, -11.0782, 6.6029

Deuteranopia

247.8930, -4.3842, 6.2328



Tritanopia

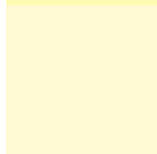
248.9020, 2.0203, 5.3479

Trichromacy



Original Color

244.2160, -31.1655, 9.4576



Protanomaly

246.2340, -18.3564, 7.6878



Deuteranomaly

246.6730, -14.1358, 7.3028



Tritanomaly

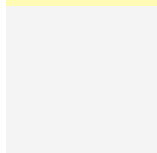
247.1120, -9.9152, 6.9178

Monochromacy



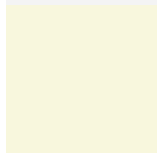
Original Color

244.2160, -31.1655, 9.4576



Achromatopsia

244.0000, 0.0000, 0.0000



Achromatomaly

244.3350, -11.5042, 3.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.2160, -31.1655, 9.4576 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(255, 251, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 181)  
}
```

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(255, 251, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 181) }
```

Border

The CSS property to change the border of an element to YUV 244.2160, -31.1655, 9.4576 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(255, 251, 181) }
```


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

```
.border{ border-color:rgb(255, 251, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 244.2160, -31.1655, 9.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 181) }
```

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

```
.background{ background-color: rgb(255,  
251, 181) }
```

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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