

Converting Colors

YUV(237.4130, -16.4726,
10.1618)

Have a look what the booklet for
YUV(237.4130, -16.4726, 10.1618)
contains.

YUV(237.4130, -16.4726, 10.1618)	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(237.4130, -16.4726,
10.1618)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EECC
RGB	249, 238, 204
RGB Percent	98%, 93%, 80%
CMY	0.0235, 0.0667, 0.2000
CMYK	0.00, 0.04, 0.18, 0.02
HSL	45°, 79%, 89%
HSV	45°, 18%, 98%
XYZ	80.5405, 85.6484, 69.4136
YIQ	237.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

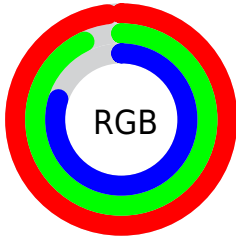
Format	Color
R_{YB}	219, 249, 204
Decimal	16379596
CIE Lab	94.16, -1.69, 17.80
CIE LCh	94, 17.884, 95.420
Yxy	85.6484, 0.3418, 0.3635
Android (android.graphics.Color)	4294569676 (0xFFF9EECC)
YUV	237.4130, -16.4726, 10.1618
Hunter-Lab	92.5464, -6.6128, 20.3126

Details

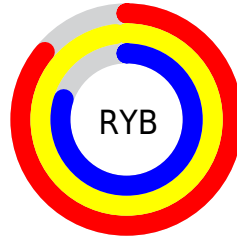
The YUV color $237.4130, -16.4726, 10.1618$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $215.5870, 16.4726, -10.1618$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.3420, -15.4516, 9.3471$ is the 20% darker color. If you saturate the color by 10%, you get $231.0410, -25.6562, 15.7500$, and if you desaturate by 10%, it is $243.7850, -7.2890, 4.5736$.

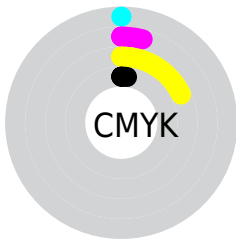
Distribution



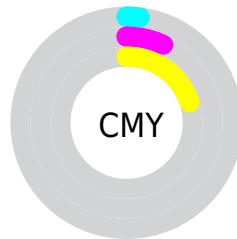
- Red (98%)
- Green (93%)
- Blue (80%)



- Red (86%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.4130, -16.4726, 10.1618 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 237.4130, -16.4726, 10.1618 by changing the saturation by 10% instead.

■ 237.4130,
-16.4726, 10.1618

■ 237.4130,
-16.4726, 10.1618

255.0000, 0.0000,
0.0000

■ 209.2280,
-15.8884, 9.4470

■ 181.3420,
-15.4516, 9.3471

■ 154.4560,
-15.0148, 9.2471

■ 128.2710,
-14.4306, 8.5323

■ 103.3850,
-13.9938, 8.4324

■ 79.2000, -13.4096,
7.7176

■ 56.0150, -12.8254,

7.0028

■ 34.4880, -13.5516,
6.5880

■ 13.8880, -6.8468,
2.7292

■ 237.4130,
-16.4726, 10.1618

■ 237.4130,
-16.4726, 10.1618

■ 231.0410,
-25.6562, 15.7500

■ 243.7850, -7.2890,
4.5736

■ 224.6690,
-34.8398, 21.3383

■ 250.1570, 1.8946,
-1.0147

■ 218.2970,
-44.0234, 26.9265

■ 253.2060, 0.8844,
-3.6887

■ 211.9250,
-53.2070, 32.5148

■ 205.6670,
-61.9538, 38.0030

■ 198.7080,
-70.8480, 44.1061

■ 192.3360,
-80.0316, 49.6943

■ 185.9640,
-89.2153, 55.2826

■ 184.8070,
-91.1099, 56.2973

Harmonies

Analogous

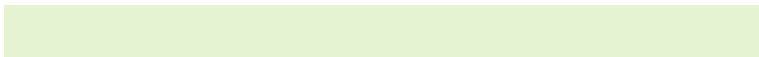
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.0270, -14.3103, 16.6393



237.4130, -16.4726, 10.1618



235.0520, -12.3506, -5.3076

Triad

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



237.4130, -16.4726, 10.1618



232.0650, 11.3070, -33.3830



238.9230, 6.9400, 14.0995

Complementary

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



237.4130, -16.4726, 10.1618



215.5870, 16.4726, -10.1618

Split Complementary

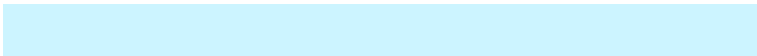
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.3950, 7.6933, 5.7926



237.4130, -16.4726, 10.1618



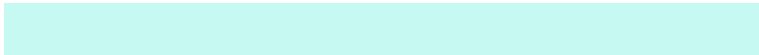
233.2940, 10.7011, -25.6908

Square

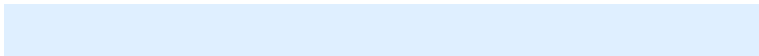
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.4130, -16.4726, 10.1618



232.5400, 4.1708, -31.1686



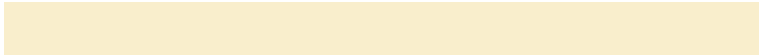
236.0400, 9.3473, -11.4361



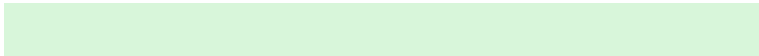
235.8110, 0.0932, 16.8288

Rectangle

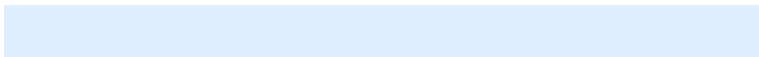
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.4130, -16.4726, 10.1618



233.8380, -7.8081, -15.6439



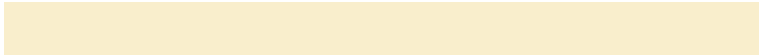
236.0400, 9.3473, -11.4361



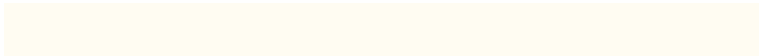
240.3250, 7.2348, 12.8700

Sweetspot

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



237.4130, -16.4726, 10.1618



251.7570, -4.8102, 2.8441



218.7090, -1.8285, 26.5652



125.9140, -2.9156, 1.8294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

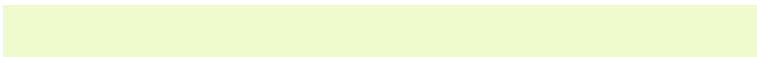
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.4130, -16.4726, 10.1618



240.3980, -20.4092, 12.8060



240.5810, -18.0344, -2.2635



121.7570, -4.8102, 2.8441



140.4520, -69.2428, 42.5766



45.2410, -22.3038, 13.8206

Inverse Universe

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



215.5870, 16.4726, -10.1618



213.6020, 20.4092, -12.8060



212.4190, 18.0344, 2.2635



115.8300, 4.5208, -3.3589



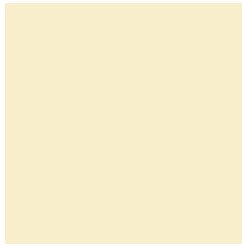
48.5480, 69.2428, -42.5766



15.7590, 22.3038, -13.8206

Previews

White Background



This preview shows how the YUV color 237.4130, -16.4726, 10.1618 looks on a white background.

Color Contrast Check

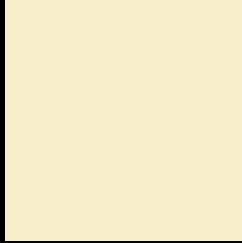
Large Text (above 18pt) WCAG AA × Fail

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 237.4130, -16.4726, 10.1618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

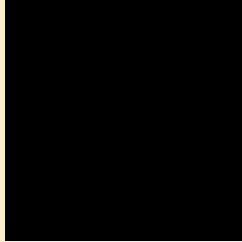
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

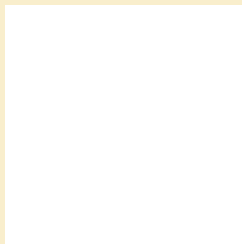
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.4130, -16.4726, 10.1618

Background



This preview shows how black text looks on a background with the YUV color 237.4130, -16.4726, 10.1618.

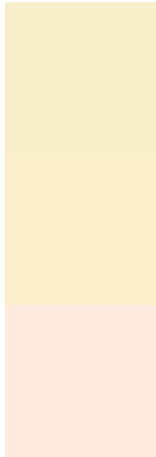


This preview shows how white text looks on a background with the YUV color 237.4130, -16.4726, 10.1618.

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

237.4130, -16.4726, 10.1618

Protanopia

237.7120, -16.6200, 10.7766

Deuteranopia

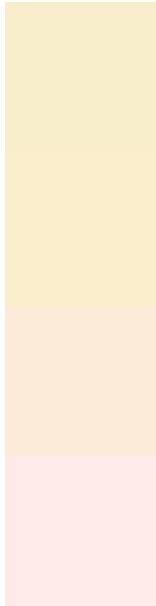
239.1390, -7.4635, 13.9101



Tritanopia

240.9290, 4.4720, 12.3403

Trichromacy



Original Color

237.4130, -16.4726, 10.1618

Protanomaly

237.7120, -16.6200, 10.7766

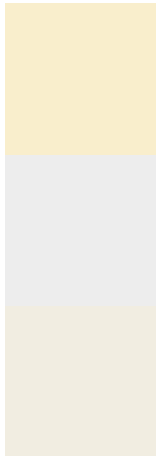
Deuteranomaly

238.3300, -10.5157, 12.8656

Tritanomaly

239.5670, -3.2375, 11.7807

Monochromacy



Original Color

237.4130, -16.4726, 10.1618

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.4130, -16.4726, 10.1618 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(249, 238, 204)` looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 204)  
}
```

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(249, 238, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 204) }
```

Border

The CSS property to change the border of an element to YUV 237.4130, -16.4726, 10.1618 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(249, 238, 204) }
```


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

```
.border{ border-color:rgb(249, 238, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 204);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 237.4130, -16.4726, 10.1618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 204) }
```

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

```
.background{ background-color: rgb(249,  
238, 204) }
```

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