

Converting Colors

YUV(236.2710, -14.4306,
8.5323)

Have a look what the booklet for
YUV(236.2710, -14.4306, 8.5323)
contains.

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Color

**YUV(236.2710, -14.4306,
8.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EDCF
RGB	246, 237, 207
RGB Percent	96%, 93%, 81%
CMY	0.0353, 0.0706, 0.1882
CMYK	0.00, 0.04, 0.16, 0.04
HSL	46°, 68%, 89%
HSV	46°, 16%, 96%
XYZ	79.5527, 84.6662, 71.1808
YIQ	236.2710, 14.9940, -7.4220

Conversions

Conversions Part 2

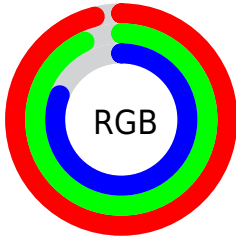
Format	Color
R_{YB}	219, 246, 207
Decimal	16182735
CIE _{Lab}	93.74, -1.81, 15.63
CIE _{LCh}	94, 15.731, 96.605
Yxy	84.6662, 0.3379, 0.3597
Android (android.graphics.Color)	4294372815 (0xFFFF6EDCF)
YUV	236.2710, -14.4306, 8.5323
Hunter-Lab	92.0142, -6.6992, 18.5441

Details

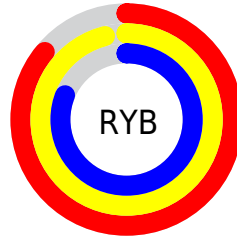
The YUV color $236.2710, -14.4306, 8.5323$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $216.7290, 14.4306, -8.5323$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.2000, -13.4096, 7.7176$ is the 20% darker color. If you saturate the color by 10%, you get $229.8990, -23.6142, 14.1206$, and if you desaturate by 10%, it is $242.6430, -5.2470, 2.9441$.

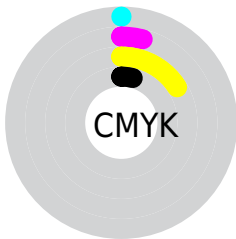
Distribution



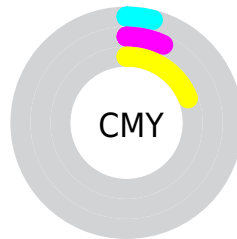
- Red (96%)
- Green (93%)
- Blue (81%)



- Red (86%)
- Yellow (96%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.2710, -14.4306, 8.5323 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 236.2710, -14.4306, 8.5323 by changing the saturation by 10% instead.

■ 236.2710,
-14.4306, 8.5323

■ 236.2710,
-14.4306, 8.5323

255.0000, 0.0000,
0.0000

■ 207.9720,
-14.2832, 7.9176

■ 180.2000,
-13.4096, 7.7176

■ 153.3140,
-12.9728, 7.6176

■ 127.4280,
-12.5360, 7.5176

■ 102.1290,
-12.3886, 6.9029

■ 78.3570, -11.5150,
6.7029

■ 55.7590, -11.2202,

5.4734

■ 33.7590, -11.2202,
5.4734

■ 12.7030, -6.2626,
2.0145

■ 236.2710,
-14.4306, 8.5323

■ 236.2710,
-14.4306, 8.5323

■ 229.8990,
-23.6142, 14.1206

■ 242.6430, -5.2470,
2.9441

■ 224.2280,
-32.6504, 19.0940

■ 248.2000, 3.3524,
-1.9294

■ 217.8560,
-41.8340, 24.6823

■ 251.7220, 1.6161,
-5.0182

■ 211.5980,
-50.5808, 30.1706

■ 252.3090, 1.3267,
-5.5330

■ 205.8130,
-60.0538, 35.2440

■ 199.4410,
-69.2374, 40.8322

■ 193.1830,
-77.9842, 46.3205

■ 187.3980,
-87.4572, 51.3940

■ 184.4970,
-90.9570, 53.9381

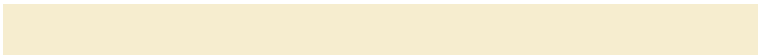
Harmonies

Analogous

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



236.3690, -12.9999, 16.3394



236.2710, -14.4306, 8.5323



234.6930, -11.1876, -4.9928

Triad

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



236.2710, -14.4306, 8.5323



232.2720, 10.7119, -29.1795



238.4670, 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.



236.2710, -14.4306, 8.5323



216.7290, 14.4306, -8.5323

Split Complementary

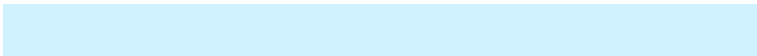
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.2100, 8.2775, 5.0778



236.2710, -14.4306, 8.5323



233.3160, 10.6902, -22.2021

Square

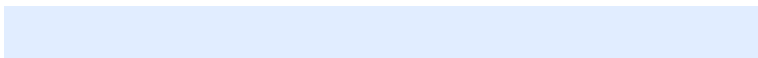
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.2710, -14.4306, 8.5323



231.8610, 4.0125, -27.0651



235.4640, 9.6312, -9.1769



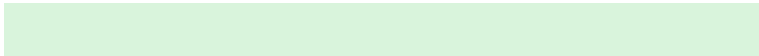
236.1700, -1.0698, 16.5139

Rectangle

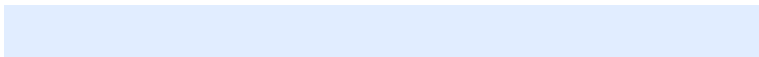
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.2710, -14.4306, 8.5323



233.1910, -6.5032, -14.1995



235.4640, 9.6312, -9.1769



239.6240, 7.0874, 13.4848

Sweetspot

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



236.2710, -14.4306, 8.5323



251.7570, -4.8102, 2.8441



219.6870, -1.8177, 23.0765



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.



236.2710, -14.4306, 8.5323



243.0710, -17.7830, 10.4617



238.5640, -15.5611, -2.2486



119.4580, -4.6628, 2.2293



139.5550, -68.8006, 40.7323



44.0560, -21.7196, 13.1059

Inverse Universe

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



216.7290, 14.4306, -8.5323



218.9290, 17.7830, -10.4617



214.4360, 15.5611, 2.2486



113.1290, 4.3734, -2.7441



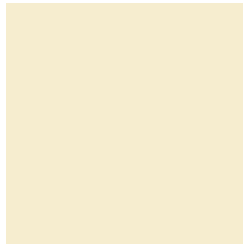
46.4450, 68.8006, -40.7323



14.9440, 21.7196, -13.1059

Previews

White Background



This preview shows how the YUV color 236.2710, -14.4306, 8.5323 looks on a white background.

Color Contrast Check

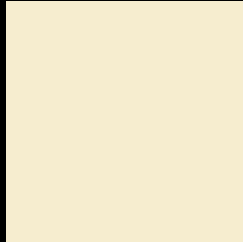
Large Text (above 18pt) WCAG AA × Fail

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 236.2710, -14.4306, 8.5323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

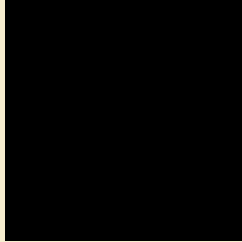
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.2710, -14.4306, 8.5323

Background



This preview shows how black text looks on a background with the YUV color 236.2710, -14.4306, 8.5323.



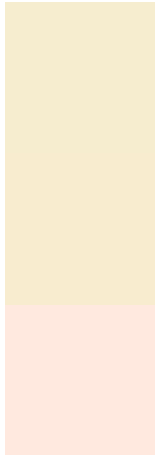
This preview shows how white text looks on a background with the YUV color 236.2710, -14.4306, 8.5323.

8.5323.

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

236.2710, -14.4306, 8.5323

Protanopia

236.2820, -14.4360, 10.2767

Deuteranopia

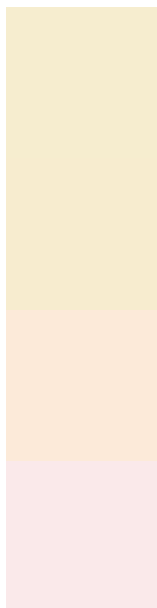
238.4380, -7.6109, 14.5249



Tritanopia

239.3310, 4.7668, 11.1107

Trichromacy



Original Color

236.2710, -14.4306, 8.5323

Protanomaly

235.9830, -14.2886, 9.6619

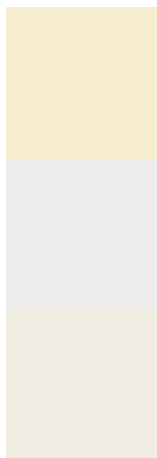
Deuteranomaly

237.4440, -10.0789, 12.7656

Tritanomaly

238.1970, -2.0691, 10.3512

Monochromacy



Original Color

236.2710, -14.4306, 8.5323

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.2710, -14.4306, 8.5323 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(246, 237, 207)` looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 207)  
}
```

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(246, 237, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 207) }
```

Border

The CSS property to change the border of an element to YUV 236.2710, -14.4306, 8.5323 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(246, 237, 207) }
```


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

```
.border{ border-color:rgb(246, 237, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 207);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 236.2710, -14.4306, 8.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 207) }
```

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

```
.background{ background-color: rgb(246,  
237, 207) }
```

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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