

Converting Colors

YUV(226.5740, -27.3980,
14.4056)

Have a look what the booklet for
YUV(226.5740, -27.3980, 14.4056)
contains.

YUV(226.5740, -27.3980, 14.4056)	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(226.5740, -27.3980,
14.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E5AB
RGB	243, 229, 171
RGB Percent	95%, 90%, 67%
CMY	0.0471, 0.1020, 0.3294
CMYK	0.00, 0.06, 0.30, 0.05
HSL	48°, 75%, 81%
HSV	48°, 30%, 95%
XYZ	72.3321, 78.0336, 49.7778
YIQ	226.5740, 26.9620, -15.0700

Conversions

Conversions Part 2

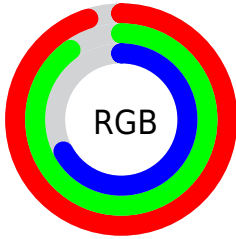
Format	Color
RYB	188, 243, 171
Decimal	15984043
CIELab	90.80, -3.83, 30.06
CIELCh	91, 30.302, 97.263
Yxy	78.0336, 0.3614, 0.3899
Android (android.graphics.Color)	4294174123 (0xFFFF3E5AB)
YUV	226.5740, -27.3980, 14.4056
Hunter-Lab	88.3366, -8.4290, 28.4257

Details

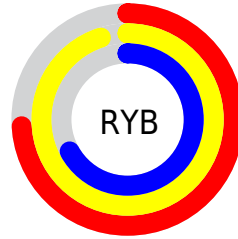
The YUV color **226.5740, -27.3980, 14.4056** is a light color, and the websafe version is hex **FFFCC**, and the color name is **medium champagne**. A complement of this color would be **187.4260, 27.3980, -14.4056**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.8080, -12.2303, 2.7994**, and **171.2040, -26.2296, 12.9761** is the 20% darker color. If you saturate the color by 10%, you get **220.9030, -36.4342, 19.3791**, and if you desaturate by 10%, it is **232.2450, -18.3618, 9.4321**.

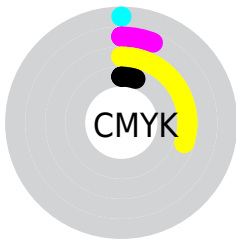
Distribution



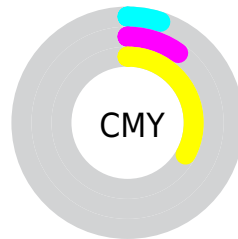
- Red (95%)
- Green (90%)
- Blue (67%)



- Red (74%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.5740, -27.3980, 14.4056 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 226.5740, -27.3980, 14.4056 by changing the saturation by 10% instead.

■ 226.5740,
-27.3980, 14.4056

■ 226.5740,
-27.3980, 14.4056

255.0000, 0.0000,
0.0000

■ 198.3890,
-26.8138, 13.6908

■ 251.8080,
-12.2303, 2.7994

■ 171.2040,
-26.2296, 12.9761

■ 144.1330,
-25.2086, 12.1614

■ 118.3610,
-24.3350, 11.9614

■ 93.8770, -23.6034,
10.6319

■ 69.3930, -22.8717,
9.3023

■ 46.9800, -23.1611,

8.7875

■ 27.4770, -13.5462,
4.8437

■ 2.9350, -1.4470,
-2.5740

■ 226.5740,
-27.3980, 14.4056

■ 226.5740,
-27.3980, 14.4056

■ 220.9030,
-36.4342, 19.3791

■ 232.2450,
-18.3618, 9.4321

■ 215.7050,
-46.1966, 23.9377

■ 237.4430, -8.5994,
4.8735

■ 210.0340,
-55.2328, 28.9112

■ 243.1140, 0.4368,
-0.1000

■ 204.3630,
-64.2690, 33.8846

■ 247.3030, 3.7946,
-3.7737

■ 198.5780,
-73.7420, 38.9581

■ 250.2380, 2.3477,
-6.3477

■ 193.4940,
-83.0675, 43.4168

■ 251.4120, 1.7689,
-7.3773

■ 187.8230,
-92.1037, 48.3902

■ 187.7090,
-92.5405, 48.4902

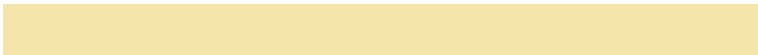
Harmonies

Analogous

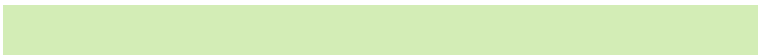
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.8620, -24.0890, 26.4310



226.5740, -27.3980, 14.4056



222.9560, -20.1913, -10.4854

Triad

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



226.5740, -27.3980, 14.4056



215.0660, 19.6875, -61.4479



228.8300, 11.4228, 22.9511

Complementary

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



226.5740, -27.3980, 14.4056



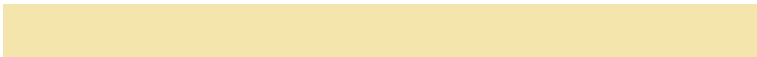
187.4260, 27.3980, -14.4056

Split Complementary

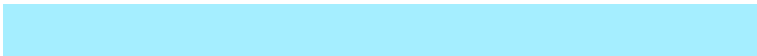
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.9810, 12.3344, 10.5407



226.5740, -27.3980, 14.4056



218.1110, 18.1863, -46.5783

Square

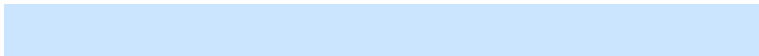
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.5740, -27.3980, 14.4056



216.0530, 9.3409, -56.1745



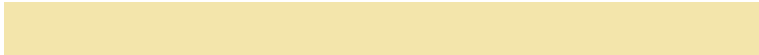
224.1900, 15.1893, -18.5836



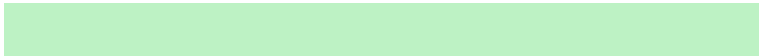
223.6490, -0.8130, 27.4948

Rectangle

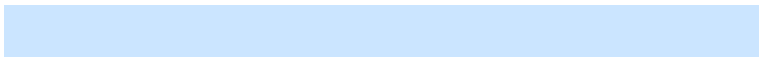
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.5740, -27.3980, 14.4056



220.9090, -12.2801, -27.9842



224.1900, 15.1893, -18.5836



230.3460, 12.1544, 21.6216

Sweetspot

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



226.5740, -27.3980, 14.4056



250.0300, -8.8888, 4.3587



194.1240, -4.4981, 42.8643



124.5290, -5.6838, 3.0441



0.0000, 0.0000, 0.0000



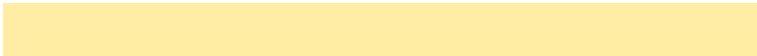
128.0000, 0.0000, 0.0000

Same Dimension

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



226.5740, -27.3980, 14.4056



233.9460, -34.9764, 18.4644



228.2140, -28.2065, -6.3267



119.4580, -4.6628, 2.2293



143.6640, -70.8264, 37.1287



45.2300, -22.2984, 12.0763

Inverse Universe

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



187.4260, 27.3980, -14.4056



184.0540, 34.9764, -18.4644



185.7860, 28.2065, 6.3267



113.1290, 4.3734, -2.7441



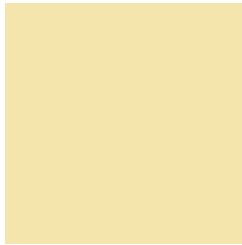
42.3360, 70.8264, -37.1287



13.1830, 22.5878, -11.5615

Previews

White Background



This preview shows how the YUV color 226.5740, -27.3980, 14.4056 looks on a white background.

Color Contrast Check

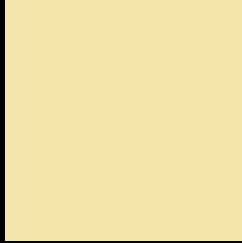
Large Text (above 18pt) WCAG AA × Fail

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 226.5740, -27.3980, 14.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

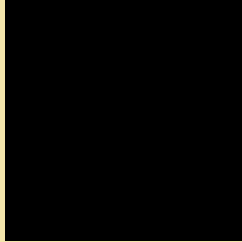
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.5740, -27.3980, 14.4056

Background



This preview shows how black text looks on a background with the YUV color 226.5740, -27.3980, 14.4056.

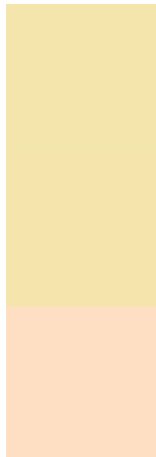


This preview shows how white text looks on a background with the YUV color 226.5740, -27.3980, 14.4056.

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

226.5740, -27.3980, 14.4056

Protanopia

226.5850, -27.4034, 16.1500

Deuteranopia

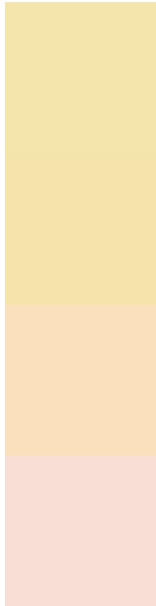
229.4900, -16.5106, 22.3723



Tritanopia

231.2070, 2.8559, 17.3585

Trichromacy



Original Color

226.5740, -27.3980, 14.4056

Protanomaly

226.2860, -27.2560, 15.5352

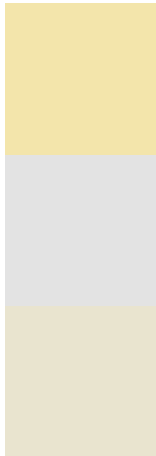
Deuteranomaly

228.4420, -20.4309, 19.7834

Tritanomaly

229.3350, -8.0532, 16.3692

Monochromacy



Original Color

226.5740, -27.3980, 14.4056

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.1010, -9.9098, 5.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.5740, -27.3980, 14.4056 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(243, 229, 171)` looks like.

```
.text, #text, p{  
    color:rgb(243, 229, 171)  
}
```

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(243, 229, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 229, 171) }
```

Border

The CSS property to change the border of an element to YUV 226.5740, -27.3980, 14.4056 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(243, 229, 171) }
```


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

```
.border{ border-color:rgb(243, 229, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 229, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 229, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 229, 171);  
box-shadow:4px 4px 4px 4px rgb(243, 229,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 226.5740, -27.3980, 14.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 229, 171) }
```

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

```
.background{ background-color: rgb(243,  
229, 171) }
```

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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