

Converting Colors

YUV(18.3500, -4.1166, 13.7250)

Have a look what the booklet for
YUV(18.3500, -4.1166, 13.7250)
contains.

YUV(18.3500, -4.1166, 13.7250)	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(18.3500, -4.1166,
13.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	220C0A
RGB	34, 12, 10
RGB Percent	13%, 5%, 4%
CMY	0.8667, 0.9529, 0.9608
CMYK	0.00, 0.65, 0.71, 0.87
HSL	5°, 55%, 9%
HSV	5°, 71%, 13%
XYZ	0.8459, 0.6249, 0.3632
YIQ	18.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

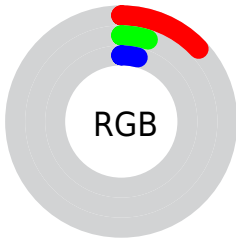
Format	Color
RYB	34, 12, 10
Decimal	2231306
CIELab	5.65, 10.32, 4.54
CIELCh	6, 11.275, 23.733
Yxy	0.6249, 0.4612, 0.3407
Android (android.graphics.Color)	4280421386 (0xFF220C0A)
YUV	18.3500, -4.1166, 13.7250
Hunter-Lab	7.9053, 5.2669, 2.8097

Details

The YUV color **18.3500, -4.1166, 13.7250** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.6500, 4.1166, -13.7250**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.7630, -3.8272, 14.2398**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.2470, -4.5588, 15.5694**, and if you desaturate by 10%, it is **20.4530, -3.6743, 11.8807**.

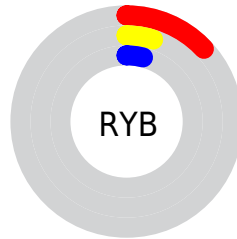
Distribution



 Red (13%)

 Green (5%)

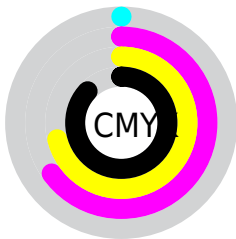
 Blue (4%)



 Red (13%)

 Yellow (5%)

 Blue (4%)

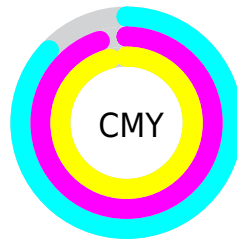


 Cyan (0%)

 Magenta (65%)

 Yellow (71%)

 Black (87%)



 Cyan (87%)

 Magenta (95%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.3500, -4.1166, 13.7250 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 18.3500, -4.1166, 13.7250 by changing the saturation by 10% instead.

■ 18.3500, -4.1166,
13.7250

■ 18.3500, -4.1166,
13.7250

■ 241.4530, -3.6743,
11.8807

■ 0.0000, 0.0000,
0.0000

■ 61.7630, -3.8272,
14.2398

■ 85.3610, -4.1220,
15.4694

■ 109.6600, -4.2694,
16.0842


■ 134.9590, -4.4168,
16.6990


■ 161.2580, -4.5642,
17.3137


■ 188.4430, -5.1484,


18.0285


 215.8560, -4.8590,
18.5433


 18.3500, -4.1166,
13.7250


 18.3500, -4.1166,
13.7250


 16.2470, -4.5588,
15.5694


 20.4530, -3.6743,
11.8807


 14.0300, -5.4378,
17.5137

 22.6700, -2.7953,
9.9364

 11.9270, -5.8800,
19.3580

 24.7730, -2.3531,
8.0921

 26.9900, -1.4741,
6.1478

 29.6800, -1.3212,
3.7886

■ 31.7830, -0.8790,
1.9443

■ 34.0000, 0.0000,
0.0000

■ 36.1030, 0.4422,
-1.8443

■ 38.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



19.0060, 0.9830, 11.3957



18.3500, -4.1166, 13.7250



17.7860, -8.7685, 12.4657

Triad

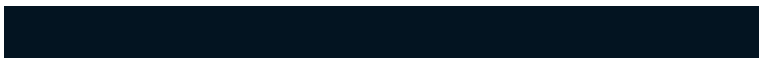
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.3500, -4.1166, 13.7250



14.8650, -5.3564, -8.6516



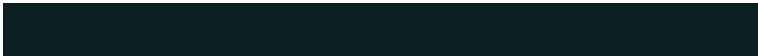
16.3990, 8.1843, -11.7509

Complementary

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



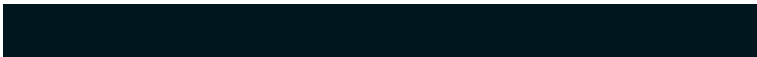
18.3500, -4.1166, 13.7250



25.6500, 4.1166, -13.7250

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.



16.4480, 7.1741, -14.4249



18.3500, -4.1166, 13.7250



15.9120, 0.0434, -13.9548

Square

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



18.3500, -4.1166, 13.7250



17.1220, -8.4411, 0.7700



16.3510, 4.2640, -14.3398



19.0090, 6.4046, -0.8849

Rectangle

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



18.3500, -4.1166, 13.7250



18.0630, -8.9051, 9.5917



16.3510, 4.2640, -14.3398



16.0890, 8.3371, -14.1101

Sweetspot

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



18.3500, -4.1166, 13.7250



37.2780, -1.6161, 5.0182



19.6840, 6.0718, 12.5551



19.3810, -1.1738, 3.1739



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



18.3500, -4.1166, 13.7250



19.5250, -6.1748, 20.5876



25.3940, -7.5892, 7.5475



16.5980, -0.2948, 1.2296



28.6270, -14.1131, 46.8081



72.4700, -35.7277, 119.7368

Inverse Universe

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



25.6500, 4.1166, -13.7250



30.4750, 6.1748, -20.5876



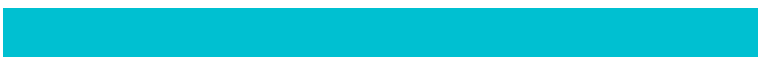
18.6060, 7.5892, -7.5475



17.4020, 0.2948, -1.2296



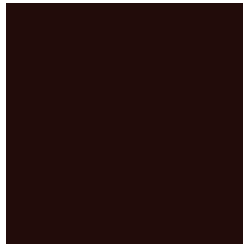
53.3730, 14.1131, -46.8081



136.5300, 35.7277, -119.7368

Previews

White Background



This preview shows how the YUV color 18.3500, -4.1166, 13.7250 looks on a white background.

Color Contrast Check

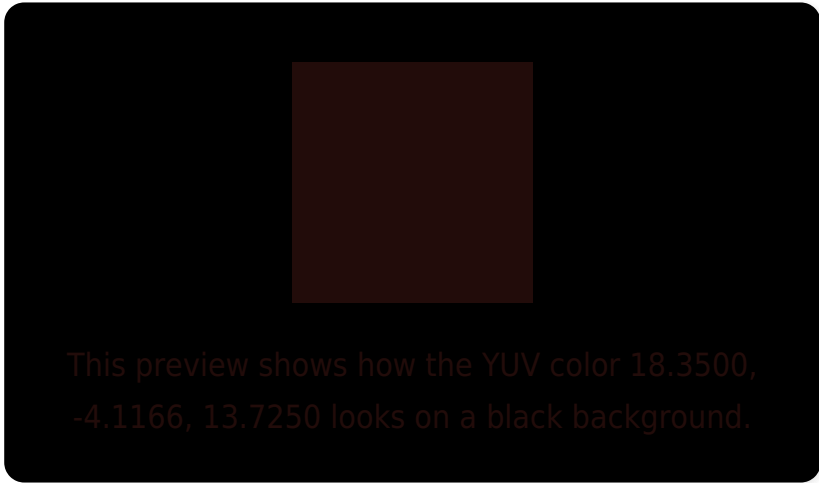
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

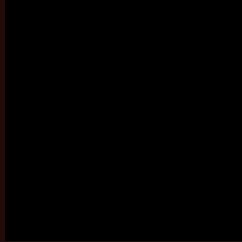
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.3500, -4.1166, 13.7250

Background



This preview shows how black text looks on a background with the YUV color 18.3500, -4.1166, 13.7250.



This preview shows how white text looks on a background with the YUV color 18.3500, -4.1166,

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

18.3500, -4.1166, 13.7250

Protanopia

19.5010, -3.2050, 1.3146

Deuteranopia

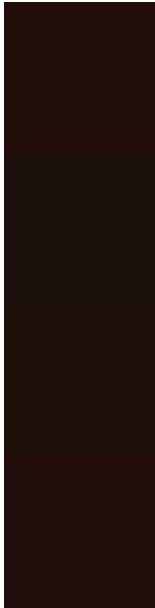
19.3550, -5.1050, 4.0737



Tritanopia

18.5780, -3.2430, 13.5251

Trichromacy



Original Color

18.3500, -4.1166, 13.7250

Protanomaly

19.1210, -3.5107, 6.0329

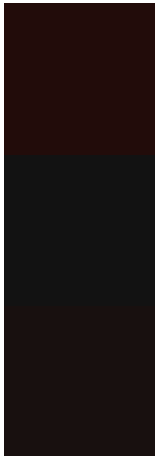
Deuteranomaly

18.7900, -4.8265, 8.0772

Tritanomaly

18.4640, -3.6798, 13.6251

Monochromacy



Original Color

18.3500, -4.1166, 13.7250

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

18.2780, -1.6161, 5.0182

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.3500, -4.1166, 13.7250 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(34, 12, 10)` looks like.

```
.text, #text, p{  
    color:rgb(34, 12, 10)  
}
```

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(34, 12, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 12, 10) }
```

Border

The CSS property to change the border of an element to YUV 18.3500, -4.1166, 13.7250 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(34, 12, 10) }
```


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

```
.border{ border-color:rgb(34, 12, 10) }
```

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

Here you see how a box with a 4 pixel rgb(34, 12, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 12, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 12, 10);  
box-shadow:4px 4px 4px 4px rgb(34, 12, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 18.3500, -4.1166, 13.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 12, 10) }
```

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

```
.background{ background-color: rgb(34, 12,  
10) }
```

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