

Converting Colors

YUV(21.4860, -3.6906, 17.1138)

Have a look what the booklet for
YUV(21.4860, -3.6906, 17.1138)
contains.

YUV(21.4860, -3.6906, 17.1138)	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(21.4860, -3.6906,
17.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	290D0E
RGB	41, 13, 14
RGB Percent	16%, 5%, 5%
CMY	0.8392, 0.9490, 0.9451
CMYK	0.00, 0.68, 0.66, 0.84
HSL	358°, 52%, 11%
HSV	358°, 68%, 16%
XYZ	1.1376, 0.7910, 0.5082
YIQ	21.4860, 16.3670, 6.2470

Conversions

Conversions Part 2

Format	Color
RYB	41, 13, 14
Decimal	2690318
CIELab	7.14, 14.61, 5.05
CIELCh	7, 15.460, 19.066
Yxy	0.7910, 0.4669, 0.3246
Android (android.graphics.Color)	4280880398 (0xFF290D0E)
YUV	21.4860, -3.6906, 17.1138
Hunter-Lab	8.8937, 7.2691, 2.8378

Details

The YUV color **21.4860, -3.6906, 17.1138** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.5140, 3.6906, -17.1138**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.6820, -4.2802, 19.5729**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.6820, -4.2802, 19.5729**, and if you desaturate by 10%, it is **24.2900, -3.1010, 14.6547**.

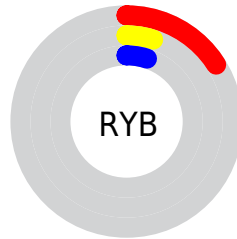
Distribution



Red (16%)

Green (5%)

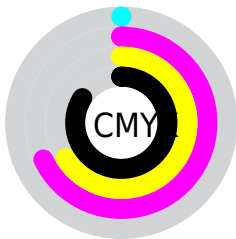
Blue (5%)



Red (16%)

Yellow (5%)

Blue (5%)

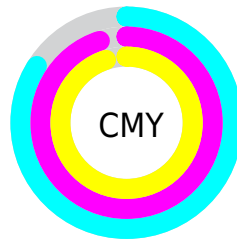


Cyan (0%)

Magenta (68%)

Yellow (66%)

Black (84%)



Cyan (84%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.4860, -3.6906, 17.1138 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 21.4860, -3.6906, 17.1138 by changing the saturation by 10% instead.

■ 21.4860, -3.6906,
17.1138

■ 21.4860, -3.6906,
17.1138

■ 242.4960, -2.2165,
10.9660

■ 1.7940, -0.8844,
3.6887

■ 65.6820, -4.2802,
19.5729

■ 0.0000, 0.0000,
0.0000

■ 89.2800, -4.5750,
20.8024

■ 113.8780, -4.8699,
22.0320

■ 139.4760, -5.1647,
23.2615

■ 165.7750, -5.3121,
23.8763

■ 193.0740, -5.4595,

24.4911

■ 221.2590, -6.0437,
25.2059

■ 21.4860, -3.6906,
17.1138

■ 21.4860, -3.6906,
17.1138

■ 18.6820, -4.2802,
19.5729

■ 24.2900, -3.1010,
14.6547

■ 15.8780, -4.8699,
22.0320

■ 27.0940, -2.5113,
12.1956

■ 13.0740, -5.4595,
24.4911

■ 29.8980, -1.9217,
9.7365

■ 12.3730, -5.6069,
25.1059

■ 32.7020, -1.3321,
7.2773

■ 35.5060, -0.7425,
4.8182

■ 38.8970, -0.4422,
1.8443

■ 41.7010, 0.1474,
-0.6148

■ 44.5050, 0.7370,
-3.0739

■ 47.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



22.2560, 1.8458, 14.6845



21.4860, -3.6906, 17.1138



21.0530, -10.3791, 15.7395

Triad

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



21.4860, -3.6906, 17.1138



17.4690, -8.1192, -9.1813



18.8760, 11.4001, -16.5543

Complementary

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



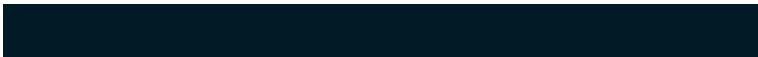
21.4860, -3.6906, 17.1138



32.5140, 3.6906, -17.1138

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.



20.0670, 8.3480, -17.5988



21.4860, -3.6906, 17.1138



18.3740, -0.6774, -16.1140

Square

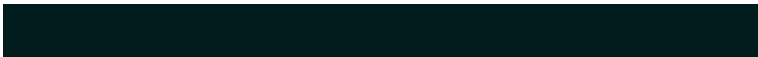
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.4860, -3.6906, 17.1138



20.0790, -9.8989, 1.6847



19.6280, 4.1274, -17.2138



21.7850, 9.4730, -5.0734

Rectangle

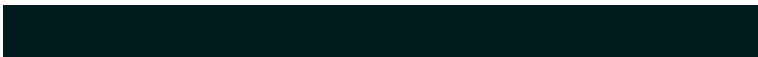
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.4860, -3.6906, 17.1138



21.0310, -10.3683, 12.2508



19.6280, 4.1274, -17.2138



19.3490, 10.6739, -16.9691

Sweetspot

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



21.4860, -3.6906, 17.1138



46.2890, -1.6215, 6.7625



24.2650, 8.2504, 13.7996



23.2070, -0.5951, 4.2035



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



21.4860, -3.6906, 17.1138



23.2700, -6.0491, 26.9502



29.0030, -7.8895, 10.5214



18.5980, -0.2948, 1.2296



25.4580, -11.0718, 51.3413



64.3000, -27.7559, 129.5329

Inverse Universe

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



21.4860, -3.6906, 17.1138



23.2700, -6.0491, 26.9502



24.9970, 7.8895, -10.5214



18.5980, -0.2948, 1.2296



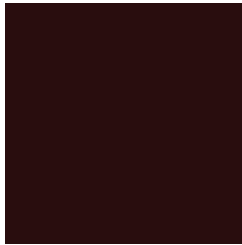
25.4580, -11.0718, 51.3413



64.3000, -27.7559, 129.5329

Previews

White Background



This preview shows how the YUV color 21.4860, -3.6906, 17.1138 looks on a white background.

Color Contrast Check

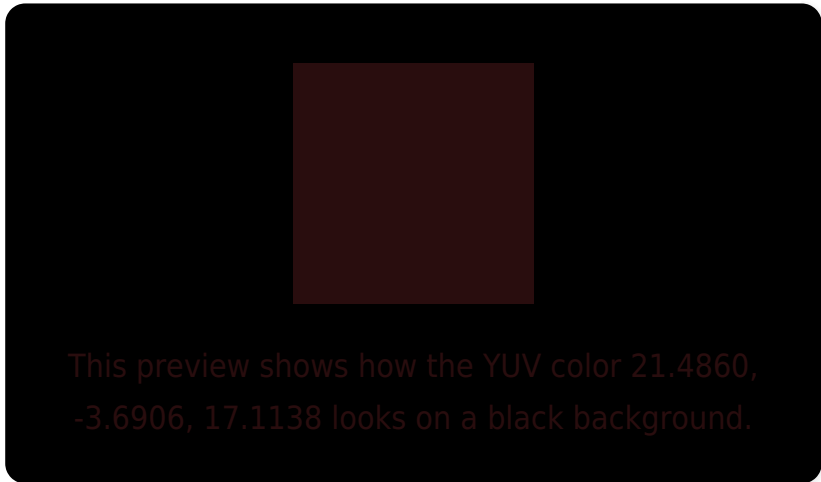
Large Text (above 18pt) WCAG AA ✓ Pass

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

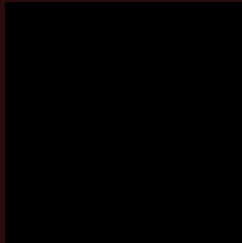
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.4860, -3.6906, 17.1138

Background



This preview shows how black text looks on a background with the YUV color 21.4860, -3.6906, 17.1138.

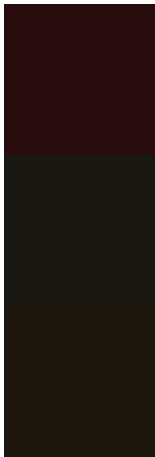


This preview shows how white text looks on a background with the YUV color 21.4860, -3.6906,

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

21.4860, -3.6906, 17.1138

Protanopia

23.0280, -2.4788, 1.7294

Deuteranopia

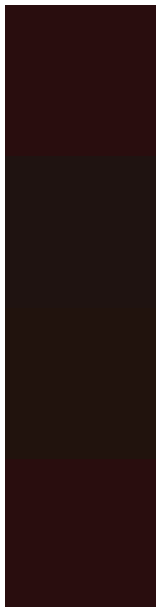
22.7680, -4.8156, 4.5885



Tritanopia

21.4860, -3.6906, 17.1138

Trichromacy



Original Color

21.4860, -3.6906, 17.1138

Protanomaly

22.3600, -2.6425, 7.5773

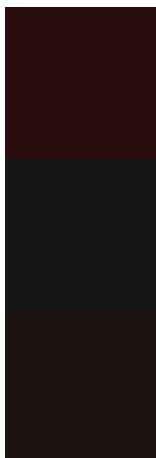
Deuteranomaly

22.5020, -4.6845, 9.2067

Tritanomaly

21.4860, -3.6906, 17.1138

Monochromacy



Original Color

21.4860, -3.6906, 17.1138

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.4860, -3.6906, 17.1138 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(41, 13, 14)` looks like.

```
.text, #text, p{  
    color:rgb(41, 13, 14)  
}
```

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(41, 13, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 13, 14) }
```

Border

The CSS property to change the border of an element to YUV 21.4860, -3.6906, 17.1138 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(41, 13, 14) }
```


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

```
.border{ border-color:rgb(41, 13, 14) }
```

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

Here you see how a box with a 4 pixel rgb(41, 13, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 13, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 13, 14);  
box-shadow:4px 4px 4px 4px rgb(41, 13, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.4860, -3.6906, 17.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 13, 14) }
```

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

```
.background{ background-color: rgb(41, 13,  
14) }
```

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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