

Converting Colors

YUV(21.2970, -10.4994, 7.6325)

Have a look what the booklet for
YUV(21.2970, -10.4994, 7.6325)
contains.

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Color

**YUV(21.2970, -10.4994,
7.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	1E1500
RGB	30, 21, 0
RGB Percent	12%, 8%, 0%
CMY	0.8824, 0.9176, 1.0000
CMYK	0.00, 0.30, 1.00, 0.88
HSL	42°, 100%, 6%
HSV	42°, 100%, 12%
XYZ	0.8036, 0.8124, 0.1144
YIQ	21.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

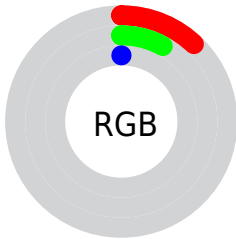
Format	Color
R_{YB}	13, 30, 0
Decimal	1971456
CIE _{Lab}	7.34, 1.29, 11.01
CIE _{LCh}	7, 11.090, 83.324
Yxy	0.8124, 0.4644, 0.4695
Android (android.graphics.Color)	4280161536 (0xFF1E1500)
YUV	21.2970, -10.4994, 7.6325
Hunter-Lab	9.0130, 0.1419, 5.5563

Details

The YUV color **21.2970, -10.4994, 7.6325** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **8.7030, 10.4994, -7.6325**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.2800, -8.0260, 7.6474**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.2970, -10.4994, 7.6325**, and if you desaturate by 10%, it is **22.2260, -9.4784, 6.8178**.

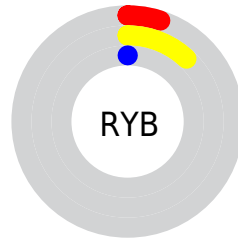
Distribution



Red (12%)

Green (8%)

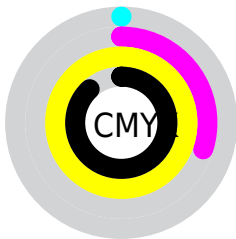
Blue (0%)



Red (5%)

Yellow (12%)

Blue (0%)

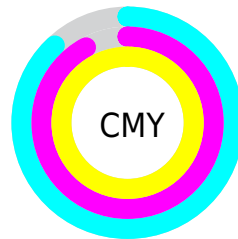


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (88%)



Cyan (88%)

Magenta (92%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.2970, -10.4994, 7.6325 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 21.2970, -10.4994, 7.6325 by changing the saturation by 10% instead.

■ 21.2970, -10.4994,
7.6325

■ 21.2970, -10.4994,
7.6325

■ 246.4110,
-10.0626, 7.5326

■ 0.0000, 0.0000,
0.0000

■ 64.2800, -8.0260,
7.6474

■ 88.0520, -8.8996,
7.8474

■ 112.3510, -9.0470,
8.4622

■ 137.6500, -9.1944,
9.0770

■ 163.8350, -9.7787,
9.7917

■ 190.8350, -9.7787,

9.7917

■ 218.7210,
-10.2155, 9.8917

■ 21.2970, -10.4994,
7.6325

■ 22.2260, -9.4784,
6.8178

■ 23.1550, -8.4574,
6.0031

■ 24.0840, -7.4364,
5.1883

■ 25.0130, -6.4154,
4.3736

■ 25.3550, -5.1050,
4.0737

■ 26.2840, -4.0840,
3.2589

■ 27.2130, -3.0630,
2.4442

■ 28.1420, -2.0420,
1.6295

■ 29.0710, -1.0210,
0.8147

Harmonies

Analogous

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



21.6010, -8.1843, 11.7509



21.2970, -10.4994, 7.6325



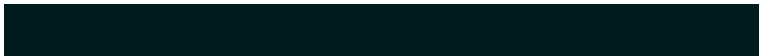
20.8940, -9.3147, 0.9700

Triad

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



21.2970, -10.4994, 7.6325



19.0410, 4.4168, -16.6990



23.0700, 3.9095, 6.0776

Complementary

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



21.2970, -10.4994, 7.6325



8.7030, 10.4994, -7.6325

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.



22.7100, 6.5520, -1.4997



21.2970, -10.4994, 7.6325



18.5510, 7.6164, -16.2692

Square

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



21.2970, -10.4994, 7.6325



18.1290, 0.9224, -15.8991



20.1110, 8.3263, -10.6213



23.1800, 0.4043, 10.3661

Rectangle

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



21.2970, -10.4994, 7.6325



19.9580, -6.3883, -4.3482



20.1110, 8.3263, -10.6213



22.9880, 4.9359, 3.5185

Sweetspot

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



21.2970, -10.4994, 7.6325



34.9850, -3.9366, 2.6442



9.9960, -0.4910, 17.5435



18.0280, -2.4788, 1.7294



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



21.2970, -10.4994, 7.6325



27.2110, -13.4150, 9.4620



24.7860, -12.2195, -0.6893



14.8860, -0.4368, 0.1000



55.9060, -27.5617, 20.2534



147.0080, -72.4749, 52.6130

Inverse Universe

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



8.7030, 10.4994, -7.6325



10.7890, 13.4150, -9.4620



5.2140, 12.2195, 0.6893



14.1140, 0.4368, -0.1000



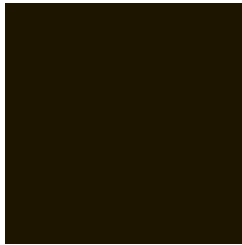
23.0940, 27.5617, -20.2534



59.9920, 72.4749, -52.6130

Previews

White Background



This preview shows how the YUV color 21.2970, -10.4994, 7.6325 looks on a white background.

Color Contrast Check

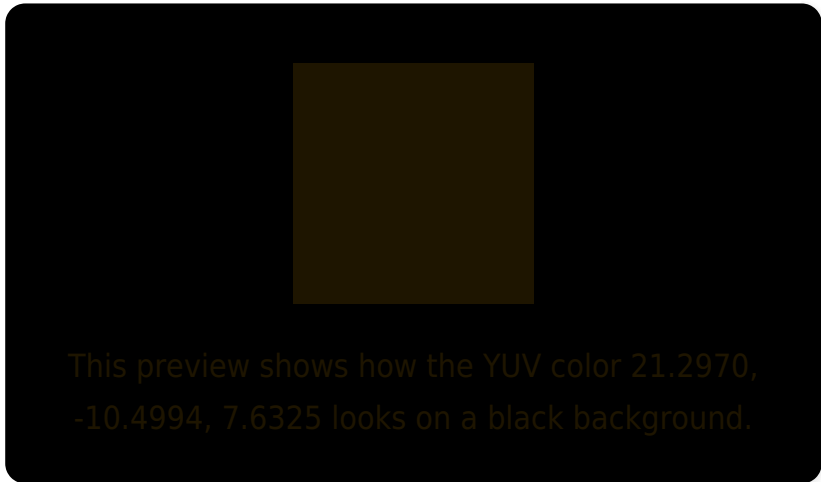
Large Text (above 18pt) WCAG AA ✓ Pass

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

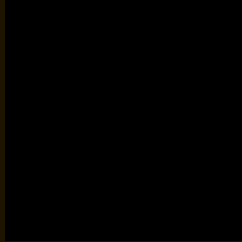
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.2970, -10.4994, 7.6325

Background



This preview shows how black text looks on a background with the YUV color 21.2970, -10.4994, 7.6325.

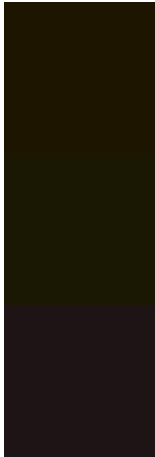


This preview shows how white text looks on a background with the YUV color 21.2970, -10.4994,

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

21.2970, -10.4994, 7.6325

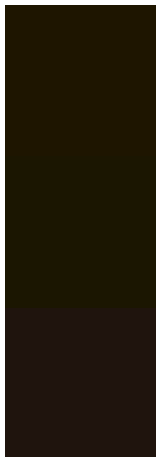
Protanopia

21.5030, -9.6150, 3.9439

Tritanopia

23.4030, -1.1847, 6.6626

Trichromacy



Original Color

21.2970, -10.4994, 7.6325

Protanomaly

21.1010, -9.9098, 5.1734

Tritanomaly

22.4910, -4.6791, 7.4624

Monochromacy



Original Color

21.2970, -10.4994, 7.6325

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.2970, -10.4994, 7.6325 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(30, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(30, 21, 0)  
}
```

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(30, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 21, 0) }
```

Border

The CSS property to change the border of an element to YUV 21.2970, -10.4994, 7.6325 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(30, 21, 0) }
```

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

```
.border{ border-color:rgb(30, 21, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 21, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 21, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 21, 0); box-shadow:4px  
4px 4px 4px rgb(30, 21, 0) }
```


Background

The CSS property to change the background color of an element to YUV 21.2970, -10.4994, 7.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 21, 0) }
```

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

```
.background{ background-color: rgb(30, 21,  
0) }
```

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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