

Converting Colors

YUV(21.3010, -10.0084, -9.9110)

Have a look what the booklet for
YUV(21.3010, -10.0084, -9.9110)
contains.

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Color

**YUV(21.3010, -10.0084,
-9.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	0A1F01
RGB	10, 31, 1
RGB Percent	4%, 12%, 0%
CMY	0.9608, 0.8784, 0.9961
CMYK	0.68, 0.00, 0.97, 0.88
HSL	102°, 94%, 6%
HSV	102°, 97%, 12%
XYZ	0.6206, 1.0467, 0.1980
YIQ	21.3010, -2.8860, -13.7820

Conversions

Conversions Part 2

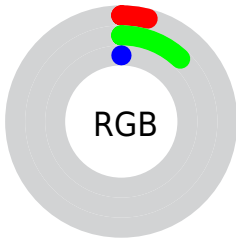
Format	Color
R_{YB}	1, 31, 22
Decimal	663297
CIE Lab	9.37, -14.98, 13.33
CIE LCh	9, 20.055, 138.342
Yxy	1.0467, 0.3327, 0.5611
Android (android.graphics.Color)	4278853377 (0xFF0A1F01)
YUV	21.3010, -10.0084, -9.9110
Hunter-Lab	10.2308, -7.0754, 6.0139

Details

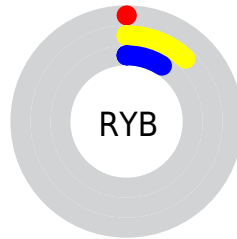
The YUV color **21.3010, -10.0084, -9.9110** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.6990, 10.0084, 9.9110**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.0450, -8.4032, -11.4405**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.8880, -10.2978, -10.4258**, and if you desaturate by 10%, it is **22.2410, -8.9928, -8.9814**.

Distribution



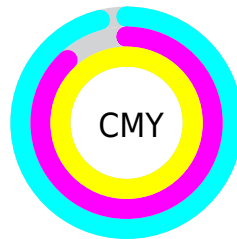
- Red (4%)
- Green (12%)
- Blue (0%)



- Red (0%)
- Yellow (12%)
- Blue (9%)



- Cyan (68%)
- Magenta (0%)
- Yellow (97%)
- Black (88%)



- Cyan (96%)
- Magenta (88%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.3010, -10.0084, -9.9110 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 21.3010, -10.0084, -9.9110 by changing the saturation by 10% instead.

■ 21.3010, -10.0084,
-9.9110

■ 21.3010, -10.0084,
-9.9110

■ 245.2300, -8.9874,
-10.7257

■ 0.0000, 0.0000,
0.0000

■ 65.0450, -8.4032,
-11.4405

■ 88.6320, -8.6926,
-11.9553


■ 113.4040, -9.5662,
-11.7553


■ 138.9910, -9.8556,
-12.2701


■ 165.5780,
-10.1450, -12.7849


■ 192.4640,


-10.5818, -12.6849


 220.1650,
-10.4343, -13.2997


 21.3010, -10.0084,
-9.9110


 21.3010, -10.0084,
-9.9110


 20.8880, -10.2978,
-10.4258

 22.2410, -8.9928,
-8.9814

 23.1810, -7.9772,
-8.0517

 24.4200, -7.1091,
-6.5073

 25.3600, -6.0935,
-5.5777

 26.3000, -5.0779,
-4.6481

■ 27.3540, -3.6255,
-3.8185

■ 28.2940, -2.6099,
-2.8888

■ 29.2340, -1.5944,
-1.9592

■ 30.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



24.5090, -12.0829, 2.1846



21.3010, -10.0084, -9.9110



21.6510, -0.8139, -18.9879

Triad

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



21.3010, -10.0084, -9.9110



23.0650, 14.7580, -20.2280



25.5190, -3.7069, 22.3468

Complementary

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



21.3010, -10.0084, -9.9110



10.6990, 10.0084, 9.9110

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.



26.2180, 2.8505, 19.1028



21.3010, -10.0084, -9.9110



25.3870, 13.1202, -8.2324

Square

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



21.3010, -10.0084, -9.9110



24.0280, 10.8322, -21.0726



27.2320, 8.2666, 8.5665



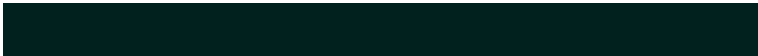
24.9180, -12.2846, 20.2429

Rectangle

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



21.3010, -10.0084, -9.9110



22.7910, 3.5540, -19.9877



27.2320, 8.2666, 8.5665



25.2030, -1.0861, 21.7470

Sweetspot

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



21.3010, -10.0084, -9.9110



37.2400, -4.0623, -3.7185



22.2970, -10.4994, 7.6325



17.7070, -2.3206, -2.3740



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.



21.3010, -10.0084, -9.9110



27.6550, -13.6339, -13.7294



19.2940, -6.0609, -16.0438



14.5870, -0.2894, -0.5148



53.5490, -26.3997, -25.9145



140.0470, -69.0432, -68.4472

Inverse Universe

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



10.6990, 10.0084, 9.9110



13.3450, 13.6339, 13.7294



12.7060, 6.0609, 16.0438



14.4130, 0.2894, 0.5148



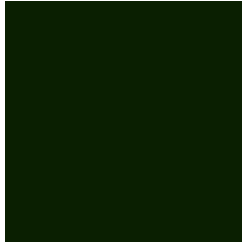
25.4510, 26.3997, 25.9145



66.9530, 69.0432, 68.4472

Previews

White Background



This preview shows how the YUV color 21.3010, -10.0084, -9.9110 looks on a white background.

Color Contrast Check

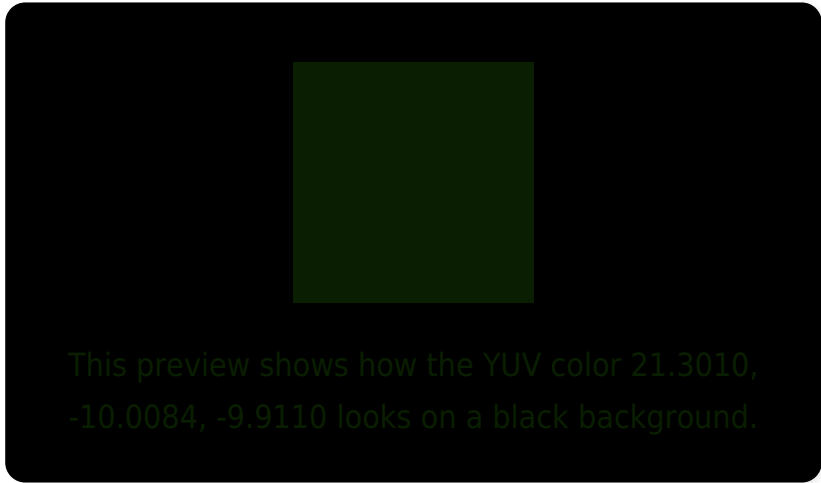
Large Text (above 18pt) WCAG AA ✓ Pass

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

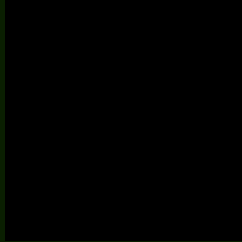
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.3010, -10.0084, -9.9110

Background



This preview shows how black text looks on a background with the YUV color 21.3010, -10.0084, -9.9110.



This preview shows how white text looks on a background with the YUV color 21.3010, -10.0084,

-9.9110.

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

21.3010, -10.0084, -9.9110

Protanopia

24.8190, -12.2358, 4.5437

Deuteranopia

25.6390, -9.1890, 7.3326



Tritanopia

25.3410, 2.7899, -8.1921

Trichromacy



Original Color

21.3010, -10.0084, -9.9110

Protanomaly

23.3130, -11.4933, -0.2745

Deuteranomaly

23.8940, -9.3147, 0.9700

Tritanomaly

24.0760, -2.0095, -8.8367

Monochromacy



Original Color

21.3010, -10.0084, -9.9110

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.3540, -3.6255, -3.8185

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.3010, -10.0084, -9.9110 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(10, 31, 1)` looks like.

```
.text, #text, p{  
    color:rgb(10, 31, 1)  
}
```

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(10, 31, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 31, 1) }
```

Border

The CSS property to change the border of an element to YUV 21.3010, -10.0084, -9.9110 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(10, 31, 1) }
```


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

```
.border{ border-color:rgb(10, 31, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 31, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 31, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(10, 31, 1); box-shadow:4px  
4px 4px 4px rgb(10, 31, 1) }
```

Background

The CSS property to change the background color of an element to YUV 21.3010, -10.0084, -9.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 31, 1) }
```

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

```
.background{ background-color: rgb(10, 31,  
1) }
```

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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